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A BIBLIOGRAPHY OF SHIFT WORK RESEARCH:
1950-1982

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16. Abstract <p>This bibliography was developed as part of a research task concerning the impact of shift work on employee job satisfaction, productivity, perceived job difficulty, and subjective health. Some selectivity was exercised in the choice of references for inclusion: (1) the search covered the years 1950 through 1982; (2) there was an emphasis on human versus animal studies; and (3) the focus of the selected article or study had to be on the effects of an actual alteration in sleep/work hours. The latter criterion involved the exclusion of a large number of citations concerning the assessment of circadian effects on physiological responses and performance. However, an included reference by Holly et al (1981) provides a rather extensive bibliography that is more specifically focused on circadian influences on physiological and psychological variables. Since time zone changes during flight are equivalent to rapid shifts in work/sleep hours, and since this is an area of interest to the FAA, references on this topic were included. Of the citations, approximately 8% are from the 1950's, 20% from the 1960's, and slightly over half from the 1970's. The most productive year was 1981 (nearly 10% of the references), when several books on the shift topic were edited and published. Significant improvements in the quality of the research analyses have been observed over this same time period, with the increased use of multivariate techniques illustrating the highly complex nature of individual responses to alternating work schedules. However, it is also apparent that there has been some duplication of effort and investigators need to be more aware of the available world-wide literature.</p>			
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FORWARD

A significant percentage of FAA employees work rotating shift schedules. This bibliography contains articles with useful data for analyzing human relations, productivity, and other concerns about possible short and long term consequences of shift work, as well as providing information relevant to any future modifications in shift work schedules.

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A BIBLIOGRAPHY ON SHIFT WORK RESEARCH: 1950-1982

1. Aanonsen, A.: Medical Problems of Shift-Work. Industrial Medicine and Surgery, 28:422-427, 1959.
2. Aanonsen, A.: Medisinske problemer ved helkontinuerlig skiftarbeid (Rundskift). Nordisk Hygienisk Tidsskrift, 38:90-97, 1957.
3. Aanonsen, A.: Shift Work and Health. Oslo: Universitets-Forlaget, 1964.
4. Aanonsen, A.: Skiftarbeid Og Helse. Nordisk Medicin, 65:548-549, 1961.
5. Ackerman, R.: Probleme der Schicht-und Nachtarbeit in Industriebetrieben. Sozialistische Arbeitswissenschaft, 15:423-439, 1971.
6. Adam, J.: Disturbance of Nychthemeral Rhythm Due to Air Travel. Journal of Royal Army Medical Corps, 115:14-18, 1969.
7. Adam, J. Nychthemeral Rhythms in Long-Distance Flights (Abstract), Proceedings of the Royal Society of Medicine, 65:194, 1972.
8. Adam, J. The Deleterious Effects of Air Travel and Sudden Exposure to Heat. Proceedings of the Royal Society of Medicine, 60:229-232, 1967.
9. Adam, J., T. Brown, P. Colquhoun, P. Hamilton, P. Orsborn, J. Thomas, and D. Worsley: Nychthemeral Rhythms and Air Trooping: Some Preliminary Results from 'Exercise Medex'. In W. Colquhoun (Ed.), Aspects of Human Efficiency: Diurnal Rhythm and Loss of Sleep. London: English University Press, pp. 317-326, 1982.
10. Adler, A., and Y. Roll: Proposal for a Standard Shift Pattern Notation. In A. Reinberg, N. Vieux, and P. Andlauer (Eds.), Night and Shift Work: Biological and Social Aspects. New York: Pergamon Press, pp. 19-23, 1981.
11. Adam, O.: Shiftwork of Professional Drivers. In P. Colquhoun, S. Folkard, P. Knauth and J. Rutenfranz (Eds.), Experimental Studies of Shiftwork. Opladen: Westdeutscher Verlag, pp. 273-276, 1975.
12. Agervold, M.: Shiftwork-A Critical Review. Scandinavian Journal of Psychology, 17:181-188, 1976.
13. Ailio, L.: Naisia Yo-Ja Vuorotyossa (Women on Night and Shift Work). Helsinki Suomen Virallinen Tilasto Sosiaalisia Erikoistutkimuksia, XXXII:35, 1973.
14. Ailio, L.: Naister yotyosta. Sotilaslaaketieteellinen Aikakauslehti Kirja, 6:483-507, 1971.
15. Akerstedt, T.: Altered Sleep/Wake Patterns and Circadian Rhythms. Acta Physiologica Scandinavica (Stockholm), Suppl. 469, pp. 1-48, 1979.
16. Akerstedt, T.: Interindividual Differences in Adjustment to Shift-Work. In Proceedings of the 6th Congress of the International Ergonomics Association.

Santa Monica: Human Factors Society, pp. 510-514, 1976.

17. Akerstedt, T.: Inversion of the Sleep Wakefulness Pattern: Effects on Circadian Variations in Psychophysiological Activation. Ergonomics, 20:459-474, 1977.
18. Akerstedt, T., and J. Froberg: Effects of Night Work and Shift Work on Health. Arbeitsmedizin-Sozialmedizin-Präventivmedizin, 9:223-226, 1974.
19. Akerstedt, T., and J. Froberg: Night and Shift Work Effects on Health and Wellbeing. In L. Levi (Ed.), Society, Stress, and Disease-Working Life. London: Oxford University Press, 1979.
20. Akerstedt, T. and J. Froberg: Persistence of Circadian Rhythms in Phenomenological and Physiological Arousal Under Conditions of Continuous Activity Without Sleep. IVth International Symposium on Night and Shift Work (Abstract), Ergonomics, 20:866, 1978.
21. Akerstedt, T. and J. Froberg: Shiftwork and Health - Interdisciplinary Aspects. In P. Rentos and R. Shepard (Eds.), Shiftwork and Health, a Symposium. Washington: U.S. Department of Health, Education, and Welfare (NIOSH), pp. 179-197, 1976.
22. Akerstedt, T. and J. Froberg: Work hours and 24h Temporal Patterns in Sympathetic Adrenal Medullary Activity and Self-Rated Activation. In P. Colquhoun, S. Folkard, P. Knauth, and J. Rutenfranz (Eds.), Experimental Studies of Shiftwork. Opladen: Westdeutscher Verlag, pp. 78-93, 1975.
23. Akerstedt, T., and M. Gillberg: Experimentally Displaced Sleep. Effects on Sleepiness. Electroencephalography and Clinical Neurophysiology, 54:220-226, 1982.
24. Akerstedt, T., and M. Gillberg: Skiftarbete I Strid Med Inre Klockan. Forskning Och Framsteg, 7:51-57, 1980.
25. Akerstedt, T., and M. Gillberg: Sleep Disturbances and Shift Work. In A. Reinberg, N. Vieux, and P. Andlauer (Eds.), Night and Shift Work: Biological and Social Aspects. New York: Pergamon Press, pp. 127-137, 1981.
26. Akerstedt, T., and M. Gillberg: The Circadian Pattern of Unrestricted Sleep and its Relation to Body Temperature, Hormones, and Alertness. In L. Johnson, D. Tepas, W. Colquhoun, and M. Colligan (Eds.), Biological Rhythms, Sleep and Shift Work. New York: SP Medical and Scientific Books, pp. 481-498, 1981.
27. Akerstedt, T., and M. Gillberg: The Circadian Variation of Experimentally Displaced Sleep. Sleep, 41:159-169, 1981.
28. Akerstedt, T., and T. Theorell: Exposure to Night Work: Serum Gastrin Reactions, Psychosomatic Complaints and Personality Variables. Journal of Psychosomatic Research, 20:479-484, 1976.
29. Akerstedt, T., and L. Torsvall: Age, Sleep and Adjustment to Shiftwork. In W. Koella (Ed.), Sleep 1980, Basel: S. Karger, pp. 190-195, 1981.

30. Akerstedt, T., and L. Torsvall: Experimental Changes in Shift Schedules-Their Effects on Well-Being. Ergonomics, 21:849-856, 1978.
31. Akerstedt, T., and L. Torsvall: Medicinska, Psykologiska och Sociala aspekter pa Skiftarbete vid Specialstalverken i Soderforg. Rapport 1: Kartlaggning av besvar. Rapporter fran Laboratoriet for Klinisk Stressforskning, 53, 1977.
32. Akerstedt, T., and L. Torsvall: Shift Work: Shift-Dependent Well-Being and Individual Differences. Ergonomics, 24:265-273, 1981.
33. Akerstedt, T., and K. Zamore: Medicinska, psykologiska och sociala aspekter pa shiftarbete vid SMHI. Rapport 1: Kartlaggning av besvar. Rapporter fran Laboratoriet for Klinisk stressforskning, 44, 1976.
34. Akerstedt, T., P. Patkai, and K. Dahlgren: Field Studies of Shiftwork: II. Temporal Patterns in Psychophysiological Activation in Workers Alternating Between Night and Day Work. Ergonomics, 20(5):621-631, 1977.
35. Akerstedt, T., L. Torsvall, and M. Gillberg: Napping & Irregular Work Hours. Sleep Research, 10:131, 1981.
36. Akerstedt, T., L. Torsvall, and M. Gillberg: Sleepiness and Shift Work: Field Studies. Sleep, (Supplement 2) 5:S95-S106, 1982.
37. Akerstedt, T., J. Froberg, M. Gillberg, and L. Torsvall: Oregelbunda Arbetstider: Sammanfattning av en undersokning av Turlistearbetande Lokforare. (Irregular Work Hours) Rapport NR. 132, Fran Laboratoriet for Klinisk Stressforskning (Stockholm), 1980.
38. Akerstedt, T., J. Froberg, L. Levi, L. Torsvall, and K. Zamore: Shift Work and Well-Being. Laboratory of Clinical Stress Research (Stockholm), Karolinska Institute, Report No. 63, 1977.
39. Alexander, K. and J. Spraos: Shift Working: An Application of the Theory of the Firm. Quarterly Journal of Economics (Cambridge, Mass.), 70:603-612, 1956.
40. Alexander, M. and U. Kleinrath: Uber Frauennachtarbeit in Berliner Industriebetrieben. Archives fuer Gewerbepathologie, 13:166-182, 1954.
41. Alluisi, F., and W. Chiles: Sustained Performance, Work-Rest Scheduling, and Diurnal Rhythms in Man. Acta Psychologica, 27:436-442, 1967.
42. Alphen de Veer, M.: Enkele psychologische aspecten van Ploegenarbeid. Mens en Ondernemig (Man and Enterprise), 12:357-365, 1958.
43. Andersen, E.: The Main Results of the Danish Medico-Psycho-Social Investigation of Shiftworkers. Proceedings of the XII International Congress on Occupational Health, Helsinki: Vol. 3:135-136, 1958.
44. Andersen, J.: Folgerne af Skifteholdsarbejde. Nordisk Medicin, 63:754-755, 1960.
45. Andersen, J.: The Consequences of Shiftwork. The Medical Society of Copenhagen,

No. 1380, 1959.

46. Andersen, J.: Treskiftsarbejde En Social-medicinsk Undersogelse. (Three-Shift Work: A Socio-Medical Survey). Copenhagen: Socialforsknings-Institute, 1970.
47. Andlauer, P.: Auswirkungen der Schichtarbeit auf die Gesundheit des Arbeitnehmers. (The Effect of Shift Working on Workers' Health). Gewerkschaftsnachrichten (European Productivity Agency), 29:3-9, 1960.
48. Andlauer, P.: Differentes modalites du travail en equipes alternantes. (Different Modalities of Work with Alternating Shifts). Archives des Maladies Professionnelles, 32:393-395, 1971.
49. Andlauer, P.: La variation de frequence horaire des accidents du travail dans les industries a feu continu. Le Travail Humain, 18:193-233, 1955.
50. Andlauer, P.: Shiftwork. In ILO, Encyclopaedia of Occupational Health and Safety, 2:1299-1302, 1971.
51. Andlauer, P., and L. Fourre: Aspects ergonomiques du travail en equipes alternantes. Centre d'etudes de physiologie appliquee au travail, Strasbourg: 1962.
52. Andlauer, P., and L. Fourre: Effects physiologiques et physiopathologiques de la periodicite de rotation dans le travail en equipes alternantes. XIV International Congress on Occupational Health, Madrid, 1963.
53. Andlauer, P., and L. Fourre: Incidence des troubles du sommeil sur la pathologie du travail en equipes. Archives des Maladies Professionnelles, 24:211-212, 1963.
54. Andlauer, P., and L. Fourre: Le travail en equipes alternantes. Etude de la nuisance comparee de deux modalites d'alternance. (Harmful Effects of Rotating Shift Work Studied). Revue Francaise du Travail, 19:35-51, 1965.
55. Andlauer, P., and B. Metz: Le travail en equipes alternantes. In J. Scherrer (Ed.), Physiologie du travail: ergonomie. (Tome II) Paris: Masson, pp. 272-281, 1967.
56. Andlauer, P., and B. Metz: Variations nycthemerales de la frequence horaire des accidents du travail. Etude statistique dans plusieurs industries a travail continu. Acta Medica Scandinavica, Suppl. 307:86-94, 1955.
57. Andlauer, P., and B. Metz: Variations nycthemerales de la frequence horaire des accidents du travail. Nouvelles observations dans l'industrie a travail continu. Archives des Maladies Professionnelles, 14:613, 1953.
58. Andlauer, P., and A. Reinberg: Amplitude of the Oral Temperature Circadian Rhythm and Tolerance to Shift Work. Chronobiologia, Vol. 6, Suppl. 1:67-73, 1979.
59. Andlauer, P., J. Carpentier, and P. Cazamain (Eds.): Ergonomie du travail de nuit et des horaires alternants. (Ergonomics of Night Work and Rotating Work

Schedules). Paris: Editions Cujas (Education permanente, Universite de Paris), 1977.

60. Andlauer, P., A. Reinberg, L. Fourre, W. Battle, and G. Duverneuil: Amplitude of the Oral Temperature Circadian Rhythm and the Tolerance to Shift-Work. Journal de Physiologie (Paris), 75:507-512, 1979.
61. Andlauer, P., N. Vieux, J. Ghata, A. Chaumont, and A. Laporte: Is the Rhythm Amplitude Related to the Ability to Phase-Shift Circadian Rhythms of Shift-Workers? Journal of Physiology (Paris), 74:405-409, 1978.
62. Andlauer, P., J. Rutenfranz, K. Kogi, H. Thierry, N. Vieux, and G. Duverneuil: Organization of Night Shifts in Industries Where Public Safety is at Stake. International Archives of Occupational and Environmental Health, 49:353-355, 1982.
63. Angersbach, D., P. Knauth, H. Loskant, M. Karvonen, K. Undeutsch, and J. Rutenfranz: A Retrospective Cohort Study Comparing Complaints and Diseases in Day and Shift Workers. International Archives of Occupational and Environmental Health, 45:127-140, 1980.
64. Annoni, A.: Problemes de sante dans le travail continu: orientations actuelles. Archives des Maladies Professionnelles, 24:207-211, 1963.
65. Appel, C.: Assessing Chronohygiene: A Psychological Approach. XIV International Conference of the International Society for Chronobiology (Abstract), Chronobiologia, 6:75, 1979.
66. Arendt, J., and V. Marks: Physiological Changes Underlying Jet Lag. British Medical Journal, 284:144-146, 1982.
67. Aschoff, J.: Circadiane Periodik als Grundlage des Schlaf-Wach Rhythmus. In W. Baust (Ed.), Ermudung, Schlaf, and Traum. Stuttgart: Wissenschaftliche Verlagsgesellschaft, pp. 59-98, 1970.
68. Aschoff, J.: Circadian Rhythms: Interference with and Dependence on Work-Rest Schedules. In L. Johnson, D. Tepas, W. Colquhoun, and M. Colligan (Eds.), Biological Rhythms, Sleep and Shift Work. New York: SP Medical and Scientific Books, pp. 11-34, 1981.
69. Aschoff, J.: Desynchronization and Resynchronization of Human Circadian Rhythms. Aerospace Medicine, 40:844-849, 1969.
70. Aschoff, J.: Eigenschaften der Menschlichen Tagesperiodik. In J. Rutenfranz (Ed.), Probleme der Arbeitsumwelt. Stuttgart: A. W. Gentner-Verlag, pp. 21-43, 1971.
71. Aschoff, J.: Exogene und endogene Komponente der 24-Stunden-Periodik bei Tier und Mensch. Die Naturwissenschaften, 42:569-575, 1955.
72. Aschoff, J.: Features of Circadian Rhythms Relevant for the Design of Shift Schedules. Ergonomics, 21:739-754, 1978.

73. Aschoff, J.: Problems of Re-Entrainment of Circadian Rhythms: Asymmetry Effect, Dissociation and Partition. In I. Askenmayer and D. Farnet (Eds.), Environmental Endocrinology. New York: Springer-Verlag, pp. 185-195, 1978.
74. Aschoff, J., U. Saint-Paul, and R. Wever: Die Lebensdauer von Fliegen unter dem Einfluss von Zeit Verschiebungen. Die Naturwissenschaften, 58:574, 1971.
75. Aschoff, J., K. Hoffman, H. Pohl, and R. Wever: Re-Entrainment of Circadian Rhythms After Phase-Shifts of the Zeitgeber. Chronobiologia, 2:23-78, 1975.
76. Asher, B.: The Future of Shift Working. In, The Benefits of and Problems of Shift Working. London: Production Engineering Research Association of Great Britain (PERA), 1966.
77. Ashkenazi, I., N. Amite, A. Dotan, L. Avivi, and L. Peleg: Induction of Phase Shifts by External and Internal Synchronizers: Relevance to Chronotherapy. In A. Reinberg, N. Vieux, and P. Andlauer (Eds.), Night and Shift Work: Biological and Social Aspects. New York: Pergamon Press, pp. 69-80, 1981.
78. Athanassenas, G., and C. Wolters: Sleep after Transmeridian Flights. In A. Reinberg, N. Vieux, and P. Andlauer (Eds.), Night and Shift Work: Biological and Social Aspects. New York: Pergamon Press, pp. 139-147, 1981.
79. Athanassenas, G., K. Klein, H. Wegmann, H. Hohlweck, and P. Kuklinski: Disorders of Sleep and Psychical Functions After Transmeridian Flights (Greek). Neurologia et Psychiatria, 1:149-164, 1978.
80. Atkinson, D., R. Borland, and A. Nicholson: Double Crew Continuous Flying Operations: A Study of Air Crew Sleep patterns. Aerospace Medicine, 41:1121-1126, 1970.
81. Ayoub, M.: Shift Work and Health-An Ergonomic Approach: Discussion. In P. Rentos and R. Shepard (Eds.), Shift Work and Health: A Symposium. Washington, D.C., U.S. Department of Health, Education, and Welfare (NIOSH), pp. 176-178, 1976.
82. Babadzhanian, M., and L. Muksinova: Diurnal Periodicity of Physiological Functions in the Human Organism and Effective Regulation of the Night-Shift Work. Gigiena Truda I Professional'nye Zabollevaniya (Moskva), 10:3-7, 1966.
83. Baelum J. and I. Andersen: Investigation for Symptoms in the Workshop among Employees in the Graphic Industry. Ugeskrift Laeger, 141:3181-3186, 1979.
84. Baker, D.: The Use and Health Consequences of Shift Work. International Journal of Health Services, 10:405-420, 1980.
85. Banaszkiwicz, A., and J. Wojtczak-Jaroszowa: Some Problems of Night and Shift Work: Is the Physiological Cost of Long-Lasting Standard Work the Same at Night as in Daytime? Acta Physiologica Polonica, 31:107-114, 1980.
86. Banks, O: Continuous Shift-Work: The Attitudes of Wives. Occupational Psychology, 30:69-84, 1956.

87. Bannel, F., and E. Dervillee: Le travail de nuit apercus socio-professionnels et medicaux. XVI International Congress on Occupational Health, Tokyo, 1969.
88. Banning, W., F. Bonjer, G. Bast, J. De Jong, and H. van der Werff: Shiftwork from a Medical-Psychological-Sociological-Technical-Economical Point of View. Leiden: Battelje and Terpstra, 1961.
89. Bannister, J.: The Impact of Shift Working on Management. In The Benefits of and Problems of Shift Working. London: Production Engineering Research Association of Great Britian (PERA), 1966.
90. Barhad, B., and M. Pafnote: Contributions a l'etude du travail en equipes alternantes. (Contributions to the Study of Rotating Shiftwork). Le Travail Humaine, 33:1-19, 1970.
91. Barhad, B., and M. Pafnote: Contributions a l'etude du travail en equipes alternantes. (Contributions to the Study of Rotating Shiftwork). Studia Laboris et Salutis, 4:84-107, 1969.
92. Barhad, B., and M. Pafnote: Implicatile medicosociale ale muncii in Schimburi alternante. Igiena, 18:641-652, 1969.
93. Bast, G.: Ploegenarbeid in de Industry: verlag van let sociologische decl von ecn onderzoek. Arkhem: Contractgroep-voering Produktiviteit, Van Loghum Staterus, 1960.
94. Baust, W. (Ed.): Ermudung, Schlaf und Traum. Stuttgart: Wissenschaftl, Verlagsgesellschaft, 1970.
95. Bayevskiy, R., and S. Chernyayeva, et. al: Biologicheskiye ritmy i vaprosy razrabotki rezhimov truda i otdykha. Materialy (Moscow), 12-13, 1967.
96. Beare, A., K. Bondi, R. Biersner, and P. Naitoh: Work and Rest on Nuclear Submarines. Ergonomics, 24:593-610, 1981.
97. Beliakova, L. and V. Poliantsev: Dinamika parametrov serdechnogo ritma vo vremia raboty s razlichnoi nagruzkoi. (The Dynamics of Cardiac Rhythm Parameters During Work Under Various Loads). Fizologiya Cheloveka, 7:1016-1022, 1981.
98. Beljan, J., L. Rosenblatt, N. Hetherington, J. Lyman, S. Flaim, G. Dole, and D. Holley: Human Performance in the Aviation Environment. Final Report (Part 1-A), NASA Contract No. NAS2-6657, 1972.
99. Bell, C., and N. Telman: Errors, Accidents, and Injuries on Rotating Shift-Work: A Field Study. International Review of Applied Psychology, 29:271-291, 1980.
100. Bena, E: Fyziologicke Podklady Pro Posuzovani nocni prace a typu smen. Zdravotnicke Aktuality, 152:28-57, 1963.
101. Benitte, A.: Le rythme nycthermeral et les déplacements aeriens lointains. Concours Medical, 86:6603-6608, 1964.

102. Benitte, A., and R. Lefebvre des Noettes: L'inversion du rythme nycthemeral ses consequences physiopathologiques (Abstract), La Presse Medicale, 69:2459-2460, 1961.
103. Benoit, O.: Concluding Remarks. In W. Koella (Ed.), Sleep 1980: Circadian Rhythms, Dreams, Noise and Sleep, Neurophysiology, Therapy. New York: S. Karger, pp. 201-207, 1981.
104. Benson, A. (Ed.): Rest and Activity Cycles for the Maintenance of Efficiency of Personnel Concerned with Military Flight Operations. AGARD No. AGARD-CP-74-70, 1970.
105. Berkhout, J.: Simulated Time-Zone Shifts and Performance Ability: Behavioral, Electroencephalographic and Endocrine Effects of Transient Alterations in Environmental Phase. In A. Benson (Ed.), Rest and Activity Cycles for the Maintenance of Efficiency of Personnel Concerned with Military Flight Operations. AGARD No. AGARD-CP-74-70, pp. 6-1 to 6-9, 1970.
106. Betancourt, R.: Utilization of Industrial Capital and Employment Promotion in Developing Countries: Multiple Shifting as an Emergency Employment Scheme in Sri Lanka. Published as ILO Doc. No. ILO-Wep 2-24/WP.6, 1977.
107. Betancourt, R., and C. Clague: Multiple Shifts and the Employment Problem in Developing Countries. International Labour Review (Geneva), 114:187-196, 1976.
108. Beveridge, P.: Arrangement of Working Time and Shift Work (Social Aspects). Paper presented at the Symposium on Arrangement of Working Time and Social Problems Connected with Shift Work in Industrialised Countries. Geneva, Doc. No. ILO-SWTSW/1977/D.9, 1977.
109. Beyon, H., and R. Blackburn: Perceptions of Work: Variations within a Factory. London: Cambridge University Press, 1972.
110. Bicakova-Rocher, A., A. Gorceix and A. Reinberg: Possible Circadian Rhythm Alterations in Certain Healthy Human Adults (Effects of Placebo). In A. Reinberg, N. Vieux, and P. Andlauer (Eds.), Night and Shift Work: Biological and Social Aspects. New York: Pergamon Press, pp.297-310, 1981.
111. Biermann, H.: The Medical Aspect of Night Work in Three-Shift Alternation. Sozialer Fortschritt, No. 3, p. 82, 1960.
112. Biggs, R., M. Hillier, B. Ong, and D. Wood: A Study Into the Application of Shift Work in the Construction Industry. The University of Wales Institute of Science and Technology, 1975.
113. Bink, B.: Tolerable Work-Limits of Key Punch Operators. Mens en Onderneming, 28:193-199, 1974.
114. Bjerner, B., and A. Swensson: Schichtarbeit und Rhythmus. (Shiftwork and Rhythm). Acta Medica Scandinavica, Suppl. 278:102-107, 1953.
115. Bjerner, B., A. Holm, and A. Swensson: Diurnal Variation in Mental Performance:

A Study of Three-Shift Workers. British Journal of Industrial Medicine, 12:103-110, 1955.

116. Bjerner, B., A. Holm, and A. Swensson: Studies on Night and Shiftwork. In A. Aanonsen, Shiftwork and Health. Oslo: Universitets-Forlaget, 1964.
117. Blake, M., and W. Colquhoun: Experimental Studies of Shiftwork. Ergonomics Research Society Annual Conference (Abstracts), Ergonomics, 8:376, 1965.
118. Blakelock, E.: A New Look at the New Leisure. Administration Science Quarterly, 4:446-467, 1960.
119. Blakelock, E.: A Study of Some Social and Psychological Effects of Rotating Shift Work. Dissertation Abstracts International, 28(6A):2335, 1967.
120. Blatt, S., and D. Quinlan: The Psychological Effects of Rapid Shifts in Temporal Reversals. Studium Generale, 23:533-549, 1970. Also in J. Frazer, F. Haber, and G. Muller (Eds.), The Study of Time. New York: Springer, pp. 506-522, 1972.
121. Bloom, W.: Shift Work and Human Efficiency. In E. Fleishman (Ed.), Studies in Personnel and Industrial Psychology. Homewood: The Dorsey Press, pp. 572-580, 1967.
122. Bloom, W.: Shift Work and the Sleep-Wakefulness Cycle. Personnel, 38:24-31, 1961.
123. Boesler, P., and J. Ignatiuk: Negative Influence of Lack of Afternoon Nap on Performance of Pilots During Flights at Night (Polish). Przegląd Psychologiczny, 15:2, 1972.
124. Bohlen, J.: Health and Work Shifts: Discussion I. In P. Rentos and R. Shepard (Eds.), Shift Work and Health: A Symposium. Washington, D.C.: U.S. Department of Health Education and Welfare (NIOSH), pp. 70-71, 1976.
125. Bohr, R., and A. Swertloff: Work Shift, Occupational Status, and the Perception of Job Prestige. Journal of Applied Psychology, 53:227-229, 1969.
126. Bonjer, F.: Physiological Aspects of Shiftwork. Proceedings of the 13th International Congress on Occupational Health, 13:848-849, 1960.
127. Bonnet, M., and W. Webb: The Effect of Repetition of Relevant and Irrelevant Tasks Over Day and Night Work Periods. Ergonomics, 21:999-1005, 1978.
128. Bonnevie, P., and J. Andersen: Shiftwork and Health. Oslo: Scandinavian University Books, 1960.
129. Borisov, G.: The Dynamics of Fatigue in Railway Dispatchers During Night and Day Shifts (English Summary). Gigiena i Sanitariia (Russian), 31:21-25, 1966.
130. Borsch-Galetke, E., and Th. Peters: Experimentelle untersuchungen zur beanspruchung von feinwerkerinnen in fruh-und spatschicht. Arbeitsmedizin

131. Bosworth, D., and P. Dawkins: Compensation for Workers Disutility: Time of Day, Length of Shift and Other Features of Work Patterns. Scottish Journal of Political Economy, 27:80-96, 1980.
132. Bosworth, D., and P. Dawkins: Private and Social Costs and Benefits of Shift and Night Work. In A. Reinberg, N. Vieux, and P. Andlauer (Eds.), Night and Shift Work: Biological and Social Aspects. New York: Pergamon Press, pp. 207-213, 1981.
133. Bourret, J., M. Bertrand and R. Detry: Le Travail de Nuit Dans les Hopitaux. (Etude Medicalf sur 170 Veilleuses). Report Lyon Medical, 10:1233-1240, 1961.
134. Bradley, G., and P. Patkai: Skiftarbete vid Mekaniserad Avverkning. Institutionen for Skogsteknik, Stockholm, Rapporter Och Uppsatser No. 66, 1974.
135. Brandt, A.: On the Influence of Various Shift Systems on the Health of the Workers. Proceedings of the 16th International Congress on Occupational Health, 13:106-107, 1971.
136. Brandt, A.: Uber den Einfluss der Schichtarbeit auf den Gesundheitszustand und das Krankheitsgeschehen der Werktatigen. Studia Laboris et Salutis, 4:124-152, 1969.
137. Bratt, L.: Shift Work: Length of Working Day. In OECD, New Patterns for Working Time. International Conference, Paris, 1972. Supplement to the Final Report.
138. Breithaupt, H.: Mechanisms of Adaptation to Changes in Time Schedules in Relation to the Individual Circadian Phase Position. In G. Hildebrandt and H. Hensel (Eds.), Biological Adaptation. New York: Thieme-Stratton, Inc., pp. 87-94, 1982.
139. Breithaupt, H., G. Hildebrandt and M. Werner: Circadian Type Questionnaire and Objective Circadian Characteristics. In A. Reinberg, N. Vieux, and P. Andlauer (Eds.), Night and Shift Work: Biological and Social Aspects. New York: Pergamon Press, pp. 435-440, 1981.
140. Breithaupt, H., M. Gehse, G. Hildebrandt, and I. Stratmann: The Course of Adaptation of the Circadian System to Night Work in Night-Nurses. XIV International Conference of the International Society for Chronobiology (Abstract), Chronobiologia, 6:81, 1979.
141. Breithaupt, H., G. Hildebrandt, D. Dohre, R. Josch, U. Sieber, and M. Werner: Tolerance to Shift of Sleep, as Related to the Individual's Circadian Phase Position. Ergonomics, 21:767-774, 1978.
142. British Institute of Management: Computer Shiftwork, British Institute of Management, London, 1968.
143. British Institute of Management: Shiftwork. Information Summary 119, British Institute of Management, London, 1965.

144. Broussier, F.: Aspects medico-sociaux et professionnels du travail en equipe chez les femmes. These Medecine, Lille, France, 1975.
145. Brown, D.: Shiftwork: A Survey of the Sociological Implications of Studies of Male Shiftworkers. Journal of Occupational Psychology, 48:231-240, 1975.
146. Brown, D.: Shiftwork Among Women: Some Preliminary Observations. IV International Symposium on Night and Shift Work (Abstract), Ergonomics, 21:870, 1978.
147. Brown, D.: The Social Consequences of Shiftwork. U. of Sheffield, 1956.
148. Brown, H.: Day and Night and Three Shift Working. Personnel Management, 39:150-156, 1957.
149. Brown, H. G.: Some Effects of Shift Work on Social and Domestic Life. Yorkshire Bulletin of Economic and Social Research, Occasional Paper No. 2, 1959.
150. Brown, I.: Potential Applications of Findings From Shiftwork Studies to Accident Reduction Among Long Distance Drivers. IV International Symposium on Night and Shiftwork (Abstract), Ergonomics, 21:872, 1978.
151. Brown, W., J. Rogge, J. Meyer, C. Buckley, and C. Brown: Aeromedical Aspects of the First Nonstop Transatlantic Helicopter Flight. II. Heart Rate and ECG Changes. Aerospace Medicine, 40:714-717, 1969.
152. Browne, R.: The Day and Night Performance Rhythm in Industry. 5th Conference of Sociological Biological Rhythm, Arco Print, Stockholm, pp. 61-64, 1955.
153. Bruener, H., K. Klein, S. Ruff, and H. Wegmann: Fatigue Studies on Overseas Flights. Aerospace Medicine, 36:552-553, 1965.
154. Bruusgaard, A.: An Investigation of Inquiry on Health Problems in Shift Workers in the Norwegian Paper Industry. AMA Archives of Industrial Hygiene and Occupational Medicine, 2:465, 1950.
155. Bruusgaard, A.: Opening Address. Studia Laboris et Salutis, 4:6-8, 1969.
156. Bruusgaard, A.: Shift Work as an Occupational Health Problem. Studia Laboris et Salutis, 4:9-14, 1969.
157. Bryden, G., and T. Holdstock: Effects of Night Duty on Sleep Patterns of Nurses. Psychophysiology, 10:36-42, 1973.
158. Buck, L.: Psychomotor Test Performance and Sleep Patterns of Aircrew Flying Transmeridianal Routes. Aviation, Space, and Environmental Medicine, 47:979-986, 1976.
159. Buckley, C., and B. Hartman: Aeromedical Aspects of the First Nonstop Transatlantic Helicopter Flight. I. General Mission Overview and Subjective Fatigue Analyses. Aerospace Medicine, 40:710-713, 1969.

160. Bugard, P.: Etude hormonal et metabolique de la fatigue. II. Personal volant a bord d'avions intercontinentaux. Annales D' Endocrinologie, 22:1008-1016, 1961.
161. Bugard, P.: Le Rythme nycthemeral et l'aptitude au travail. (Nyctohmeral Rhythm and Work Capacity). Archives des Maladies Professionnelles. 24:101-113, 1963.
162. Bugard, P.: L'hyperaldosteronisme chez le personnel volant de l'aviation commerciale. (Hyperaldosternism in Commercial Aviation Flying Personnel) Revue de Medecine Aeronautique, 2:17-18, 1962.
163. Bugard, P.: Urinary 17-Ketosteroids, 17-Hydrox-corticosteroids and Creatinine Changes in Relation with Flight on Intercontinental Aircraft. International Congress of Aviation and Cosmonautical Medicine, Paris, 1961.
164. Bugard, P.: Variations des 17 cetosteroides, des 17 hydroxycorticosteroides et de la creatinine urinaires en rapport avec le vol avions intercontinentaux. Revue de Medicine Aeronautique, 5:19-21, 1972.
165. Buley, L.: Experience with a Physiologically-Based Formula for Determining Rest Periods on Long Distance Air Travel. Aerospace Medicine, 41:680-683, 1970.
166. Burger, G, M. van Alphen de Veer, A. Groot Wesseldijk, M. Van der Graff, and A. Doornbosch: Human Problems in Shift Work. Proceedings of the 12th International Congress on Occupational Health, Helsinki, 3:126p-128p, 1957.
167. Caille, E. and J. Bassano: Biorhythm and Watch Rhythms: Hemeral Watch Rhythm and Anhemeral Watch Rhythm in Simulated Permanent Duty. In R. Mackie (Ed.), Vigilance: Theory, Operational Performance, and Physiological Correlates. New York: Plenum Press, pp. 461-510, 1977.
168. Caille, E., A. Quideau, J. Girard, J. Grubar, and A. Monteil: Loss of Sleep and Combat Efficiency: Effects of the Work/Rest Cycle. In W. Colquhoun (Ed.), Aspects of Human Efficiency: Diurnal Rhythm and Loss of Sleep. London: English University Press, pp. 177-193, 1972.
169. Cailliot, R.: Consequences sociales du travail a feu continu. Economie et Humanisme, 122:62-72, 1959.
170. Cameron, C.: Fatigue Problems in Modern Industry. Ergonomics, 14:713-720, 1971.
171. Caplan, R.: Social-Psychological Dynamics in Shift Work: Discussion I. In P. Rentos, and R. Shepard (Eds.), Shift Work and Health: A Symposium. Washington: U.S. Department of Health Education and Welfare (NIOSH), pp. 198-210, 1976.
172. Carandente, F., and F. Halberg: Chronobiologic View of Shift Work and Ulcers. In P. Rentos, and R. Shepard (Eds.), Shift Work and Health: A Symposium. Washington: U.S. Department of Health Education and Welfare (NIOSH), pp. 273-283, 1976.
173. Carpentier, J.: Le travail en equipes alternantes. Problemes et tendances. Medecine et travail, 6:78, 1973.

174. Carpentier, J.: Le travail par equipes successives. Institut National de Recherche et de Securite, Edition INRS No. 523, 1975.
175. Carpentier, J., and P. Cazamian: Night Work: Its Effects on the Health and Welfare of the Worker. Geneva: International Labour Office, 1978.
176. Carpentier, J., and A. Wisner: L'amenagement des conditions du travail par equipes successives: travail poste. Agence nationale pour l'amelioration des conditions du travail, Paris, 1976.
177. Carrozzini, B., and A. Degli: The Biorhythm of the Urinary 17-KS and 11-OS Elimination in Subjects Alternating Daywork with Night Shifts. Arcispedale S. Anna di Ferrara, 16:1131-1146, 1963.
178. Carruthers, M., A. Arguelles, and A. Mosovich: Man in Transit: Biochemical Physiological Changes During Intercontinental Flights. The Lancet, 7967:977-980, 1976.
179. Carstocea, L., R. Elias, R. Mateescu, M. Cristescu, and G. Voicu: Some Peculiarities of Fatigue in Shift Work in an Automatized Section. XV International Congress Med. Travail, Vienna, IV, 1966.
180. Carugati, F., et al.: The Effect of Alteration of the Circadian Rhythm and Some Psychic Functions in a Group of State Railway Workers. Bulletno di Psicologia Applicata, 103-105:79-91, 1971.
181. Caymax, L.: Prevalence of Shift Work in Belgium. IV International Symposium on Night and Shift Work (Abstract), Ergonomics, 21:871, 1978.
182. Cazamian, P.: La fatigue mentale industrielle dans ses rapports avec les horaires alternants. Archives des Maladies Professionnelles, 38:142-145, 1977.
183. Cazamian, P.: La travail de nuit et les horaires alternants. In P. Andlauer, J. Carpentier, and P. Cazamian (Eds.), Ergonomie du travail de nuit et des horaires alternants. Paris: Editions CUJAS, 1977.
184. Cervinka, R., M. Haider, M. Koller, and M. Kundi: Psychophysiological and Psychosocial Studies on Female Shift-and Day-Workers. In A. Reinberg, N. Vieux, and P. Andlauer (Eds.), Night and Shift Work: Biological and Social Aspects. New York: Pergamon Press, pp. 441-447, 1981.
185. Cesana, G., M. Ferrario, R. Curti, R. Zanettini, A. Grieco, R. Sega, A. Palermo, G. Mara, A. Libretti, and S. Algeri: Work Stress and Urinary Catecholamines Excretion in Shift Workers Exposed to Noise. I: Epinephrine (E) and Nor-Epinephrine (NE). Medicina del Lavoro (Milano), 73(2):99-109, 1982.
186. Chadwick-Jones, J.: Automation and Behaviour, A Social Psychological Study. London: Wiley, 1970.
187. Chadwick-Jones, J.: Shift Working: Physiological Effects and Social Behavior. British Journal of Industrial Relations, 5:237-243, 1967.

188. Chaumont, A., A. Laporte, A. Nicolai, and A. Reinberg: Adjustment of Shift Workers to a Weekly Rotation (Study 1). Chronobiologia, Vol. 6, Suppl. 1:27-34, 1979.
189. Chazalette, A.: Etude sur les consequences du travail en equipes alternantes et leurs facteurs explicatifs. (Study of the Consequences of Alternating Shift Work and Their Explanatory Factors). Groupe de Sociologie Urbaine, Lyon, France, 1973.
190. Chemin, P.: Les rythmes biologiques en medicine du travel aerien. Archives des Maladies Professionnelles, 29:735-739, 1968.
191. Chemin, P.: Les troubles des rythmes biologiques en aviation en cosmonautique. (Biological Rhythm During Air & Space Travel). Forces Aeriennes Francaises, 24:329-344, 1969.
192. Chernik, D., and J. Mendels: Sleep Reversal: Disturbances in Daytime Sleep Patterns. Clinical Electroencephalography, 5(3):143-148, 1974.
193. Chernyakova, V.: Encephalographic Investigations of Human Adaptation to a Changed Diurnal Cycle (Adaptation Period to Inverted Work-Rest Cycle Observed with Electroencephalograph Noting Effect of Brain Bioelectric Activity Circadian Rhythm Stability. Kosmicheskaja Biologija i Meditsina, 6:38-42, 1972.
194. Chevrolle, J.: Comparaison de la frequence et de la duree de l'absenteisme chez des ouvriers travaillant en horaire normal et en equipe 2x8. Archives des Maladies Professionnelles, 30:348-351, 1969.
195. Chevrolle, J.: Horaires de travail et infarctus du myocarde chez les employes de l'Assistance Publique. (Work Shifts and Myocardial Infarctions in National Assistance Employees). Archives des Maladies Professionnelles, 24:146-147, 1963.
196. Chiles, W., E. Alluisi, and O. Adams: Work Schedules and Performance During Confinement, Human Factors, 10:143-195, 1968.
197. Christie, G., and M. Moore-Robinson: Project Pegasus: Some Physiological Effects of Travel Across Time Zones. Clinical Trials Journal, 7:45-55, 1970.
198. Christol, J., M. Dorel, Y. Queinnec, and G. DeTerssac: Shift Work and Operative Processes Regulation. Travail Humain, 42:211-229, 1979.
199. Cizmic, S., and L. Slainberger: Povredena Radu Radnika ja Razlicitim Doevnim Rirmom Zivotnih i Radnik Navika. (Injuries at Work of Workers with Differing Daily Rhythms of Living and Working Habits). Ergoromija, 5:5-11, 1978.
200. Colligan, M.: Methodological and Practical Issues Related to Shiftwork Research. Journal of Occupational Medicine, 22:163-165, 1980.
201. Colligan, M.: Methodological and Practical Issues Related to Shiftwork Research. In L. Johnson, D. Tepas, W. Colquhoun, and M. Colligan (Eds.), Biological Rhythms, Sleep and Shift Work. New York: SP Medical and Scientific Books, pp. 197-204, 1981.

202. Colligan, M., I. Frocht, and D. Tasto: Frequency of Sickness Absence and Worksite Clinic Visits among Nurses as a Fraction of Shift. Applied Ergonomics, 10:79-85, 1979.
203. Colligan, M., M. Smith, J. Hurrell, and D. Tasto: Shiftwork: A Record Study Approach. Behavior Research Methods and Instrumentation, 11:5-8, 1979.
204. Colquhoun, W.: Accidents, Injuries, and Shift Work. In P. Rentos, and R. Shepard (Eds.), Shift Work and Health: A Symposium. Washington: U.S. Department of Health Education and Welfare (NIOSH), pp. 160-175, 1976.
205. Colquhoun, W. (Ed.): Aspects of Human Efficiency: Diurnal Rhythm and Loss of Sleep (Proceedings of the Symposium, Strasbourg, Fr., 1970) London: English Universities Press, 1972.
206. Colquhoun, W. (Ed.): Biological Rhythms and Human Performance. London: Academic Press, 1971.
207. Colquhoun, W.: Biological Rhythms and Performance. In W. Webb (Ed.), Biological Rhythms, Sleep, and Performance. New York: J. H. Wiley and Sons, pp. 59-86, 1982.
208. Colquhoun, W.: Biological Rhythms and Shift Work. Spectrum, 1967.
209. Colquhoun, W.: Circadian Rhythms, Mental Efficiency, and Shift Work. Ergonomics, 13:558-560, 1970.
210. Colquhoun, W.: Circadian Rhythms of Body Temperature in Shift Workers at a Coalface. British Journal of Industrial Medicine, 27:266-272, 1970.
211. Colquhoun, W.: Circadian Variations in Mental Efficiency. In W. Colquhoun, Biological Rhythms, and Human Performance. London: Academic Press, 1971.
212. Colquhoun, W.: Divine Rhythms and Shift Work. British Association for the Advancement of Science Annual Meeting, 1971.
213. Colquhoun, W.: Phase Shift in Temperature Rhythm After Transmeridian Flight, as Related to Individual Pre-Flight Phase Angle. International Archives of Occupational and Environmental Health, 42:149-157, 1979.
214. Colquhoun, W.: Shiftwork Discussion and Conclusions. In L. Johnson, D. Tepas, W. Colquhoun, and M. Colligan, Biological Rhythms, Sleep and Shift Work. New York: SP Medical and Scientific Books, pp. 607-614, 1981.
215. Colquhoun, W.: Shift-Work Research at the U.K. Medical Research Council Perceptual and Cognitive Performance Unit. Presented at the 8th Congress of the International Ergonomics Association, Tokyo, 1982 (Abstract), Ergonomics, 25:512, 1982.
216. Colquhoun, W.: Watchkeeping and Safety. In E. Anderson, H. Istance, and J. Spencer (Eds.), Proceedings of the First International Conference on Human Factors in The Design and Operation of Ships. Sweden: Gotheberg, pp. 538-549, 1978.

217. Colquhoun, W., and R. Condon: Introversion-Extraversion and the Adjustment of the Body-Temperature Rhythm to Night Work. In A. Reinberg, N. Vieux, and P. Andlauer (Eds.), Night and Shift Work: Biological and Social Aspects. New York: Pergamon Press, pp. 449-455, 1981.
218. Colquhoun, W., and R. Edwards: Circadian Rhythms of Body Temperature in Shift Workers at a Coalface. British Journal of Industrial Medicine, 27:266-272, 1970.
219. Colquhoun, W., and S. Folkard: Personality Differences in Body-Temperature Rhythm, and Their Relation to its Adjustment to Night Work. Ergonomics, 21:811-817, 1978.
220. Colquhoun, W., and J. Rutenfranz (Eds.): Studies of Shiftwork. London: Taylor and Francis, 1981.
221. Colquhoun, W., M. Blake, and R. Edwards: Experimental Studies of Shift Work. Studia Laboris et Salutis, 4:47-63, 1969.
222. Colquhoun, W., M. Blake, and R. Edwards: Experimental Studies of Shift Work I: A Comparison of "Rotating" and "Stabilized" 4-Hour Shift Systems. Ergonomics, 11:437-453, 1968.
223. Colquhoun, W., M. Blake, and R. Edwards: Experimental Studies of Shift Work II: Stabilized 8-Hour Shift Systems. Ergonomics, 11:527-546, 1968.
224. Colquhoun, W., M. Blake, and R. Edwards: Experimental Studies of Shift Work III: Stabilized 12-Hour Shift Systems. Ergonomics, 12:865-882, 1969.
225. Colquhoun, W., P. Hamilton, and R. Edwards: Effects of Circadian Rhythm, Sleep Deprivation and Fatigue on Watchkeeping Performance During the Night Hours. In P. Colquhoun, S. Folkard, P. Knauth, and J. Rutenfranz (Eds.), Experimental Studies of Shiftwork. Opladen: Westdeutscher Verlag, pp. 20-28, 1975.
226. Colquhoun, W., M. Paine and A. Fort: Changes in Temperature Rhythm of Submariners Following a Rapidly Rotating Watchkeeping System For A Prolonged Period. International Archives of Occupational and Environmental Health, 42:185-190, 1979.
227. Colquhoun, W., M. Paine, and A. Fort: Circadian Rhythm of Body Temperature During Prolonged Undersea Voyages. Aviation, Space, and Environmental Medicine, 49:671-678, 1978.
228. Colquhoun, W., S. Folkard, P. Knauth, and J. Rutenfranz (Eds.): Experimental Studies of Shiftwork. Opladen, West Germany: Westdeutscher Verlag, 1975.
229. Combaz, M.: Inaptitude constitutionnelle ou aptitude conditionnelle au travail poste: la tetanie chronique ou spasmophilie. (Constitutional Inaptitude or Conditional Aptitude for Shift Work - Chronic or Spasmophilia). Archives des Maladies Professionnelles, 36:585-592, 1975.
230. Confederation of British Industry: Shiftwork: Differential Rates of Payment and Allowances for Shiftwork or Night Work, Confederation of British Industry, 1976.

231. Conroy, R.: Circadian Rhythm of Plasma 11-Hydroxycorticosteroids in Night Workers. Proceedings of the Physiological Society, Journal of Physiology, 191:21p-22p, 1967.
232. Conroy, R.: Time Zone Transitions and Business Executives. Transactions of the Society of Occupational Medicine, 21:69-72, 1971.
233. Conroy, R., and M. Hall: Adrenal Cortical Function and Body Temperature Rhythms After a Transatlantic Flight. Proceedings of the Physiological Society, Journal of Physiology, 200:123p, 1969.
234. Conroy, R., and J. Mills: Circadian Rhythms and Shift Working. Studia Laboris et Salutis, 4:42-46, 1969.
235. Conroy, R., R. Corcoran, and A. Silber: Circadian Rhythms in Body Temperature and Psychological Functions After Trans-Atlantic Flights (Abstract), Irish Journal of Medical Science, 140:414, 1971.
236. Conroy, R., A. Elliott and J. Mills: Adaptation of Physiological Variables to Time Zone Transitions. Proceedings of the Physiological Society, Journal of Physiology, 197:84p-85p, 1968.
237. Conroy, R., A. Elliott and J. Mills: Circadian Excretory Rhythms in Night Workers. British Journal of Industrial Medicine, 27:356-363, 1970.
238. Conroy, R., A. Elliott and J. Mills: Circadian Rhythms in Plasma Concentration of 11 Hydroxycorticosteroids in Men Working on Night Shift and in Permanent Night Workers. British Journal of Industrial Medicine, 27:170-174, 1970.
239. Conroy, R., A. Elliot, A. Fort, and J. Mills: Circadian Rhythms Before and After a Flight From India. Proceedings of the Physiological Society, Journal of Physiology, 204:85p, 1969.
240. Cook, F.: Shift Work. London: Institute for Personnel Management, Management House, 1954.
241. Cook, T., and P. Shipley: Human Factors Studies of the Working Hours of UK Ship's Pilots I. A Field Study of Fatigue. Applied Ergonomics, 11:85-92, 1980.
242. Cooke, G.: Shift Working and Overtime Practices in Computing. Computer Economics Ltd., Richmond, Surrey, 1974.
243. Cop, F.: Triozmensko Delo Nasproti Delu v Dnevni Izmenah. Organizacija in Kadri, 11:383-392, 1978.
244. Corfariu, D., L. Popoviciu, B. Aiggian, M. Condreanu, S. Giaspiar, T. Conitiu, and M. Komjatszegi. Study on Sleep Adjustment Peculiarities in Patients With 1-2 Weeks of Night-Shiftwork, Neurologie et Psychiatrie (Bucuresti) 19(3):177-181, 1981.
245. Costa, G., V. Cocheo, and E. Gaffuri: Fluorine Elimination in Shiftworkers Exposed to Hydrogen Fluoride. XIV International Conference of the International

Society for Chronobiology (Abstract), Chronobiologia, 6:90, 1979.

246. Costa, G., P. Apostoli, F. d'Andrea, and E. Gaffuri: Gastrointestinal and Neurotic Disorders in Textile Shift Workers. In A. Reinberg, N. Vieux, and P. Andlauer (Eds.), Night and Shift Work: Biological and Social Aspects. New York: Pergamon Press, pp. 215-221, 1981.
247. Costa, G., E. Gaffuri, G. Perfranceschi, and M. Tansella: Psychological and Physical Performance in Hospital Shift Workers. IV International Symposium on Night and Shift Work (Abstract), Ergonomics, 21:864, 1978.
248. Costa, G., E. Gaffuri, G. Perfranceschi, and M. Tansella: Reentrainment of Diurnal Variation of Psychological and Physiological Performance at the End of a Slowly Rotated Shift System in Hospital Workers. International Archives of Occupational and Environmental Health, 44:165-175, 1979.
249. Crane, J.: The Time Zone Fatigue Syndrome. Flying Physician, 7:19 and 22, 1963.
250. Crespy, J., and A. Saurer: Etude horaire-sante chez les infirmieres. Sozial-und Praventivmedizin, 26:184-187, 1981.
251. Cristal, J., (et al): Horaires de Travail et Regulations des Conduites. Le Travail Humain, 42:211-229, 1979.
252. Crockett, P.: Effects of Fatigue on Human Behaviour and Performance (Bibliography with Abstracts) Report for 1964- Feb. 1978. Report No. NTIS PB-78/0126/9GA, 1978, (PB81-803876 Update).
253. Curtis, G., and M. Fogel: Random Living Schedule: Psychological Effects in Man. Journal of Psychiatric Research 9:315-323, 1972.
254. Cuthbert, B., R. Graeber, H. Sing, and R. Schneider: Rapid Transmeridinal Deployment. II. Effects of Age and Countermeasures Under Field Conditions. Proceedings XIVth International Conference of the International Society for Chronobiology (Abstract), Chronobiologia, 6:91, 1979.
255. Czeisler, C. A., M. C. Moore-Ede, and R. M. Coleman: Rotating Shift Work Schedules that Disrupt Sleep are Improved by Applying Circadian Principles. Science, 217:460-463, 1982.
256. Dahlgren, K.: Adjustment of Circadian Rhythms and EEG Sleep Functions to Day and Night Sleep Among Permanent Nightworkers and Rotating Shiftworkers. Psychophysiology, 18:381-391, 1981.
257. Dahlgren, K.: Adjustment of Circadian Rhythms to a Rotating Shiftwork Schedule II: Long-Term Adjustment Three Years After an Increase in Night-Time Work. Report from the Department of Psychology, University of Stockholm, 1980.
258. Dahlgren, K.: Adjustment of Circadian Rhythms to Rapidly Rotating Shift Work - A Field Study of Two Shift Systems. In A. Reinberg, N. Vieux, and P. Andlauer, Night and Shift Work: Biological and Social Aspects. New York: Pergamon Press, pp. 357-364, 1981.

259. Dahlgren, K.: Long Term Adjustment of Circadian Rhythms to a Rotating Shift Work Schedule. Scandinavian Journal of Work and Environmental Health, 7:141-151, 1981.
260. Dahlgren, K.: Studies of Sleep Among Permanent Night Workers and Shift workers: IV International Symposium on Night and Shift Work (Abstract), Ergonomics, 21:873, 1978.
261. Dahlgren, K.: Temporal Patterns in Psychophysiological Activation in Rotating Shift Workers - A Followup Field Study One Year After An Increase in Nighttime Work. Scandinavian Journal of Work and Environmental Health, 7(2):131-140, 1981.
262. Daleva, M., I. Hadjiolovia, N. Tsaneva, and G. Raidovski: Physiological Changes in Operators During Shift Work. 2nd International Symposium on Night and Shift Work. pp. 26-32, 1971.
263. Daleva, M., D. Piperova, E. Nakasheva, and N. Tsaneva: Changes in Circadian Rhythm of Catecholamine Excretion in Shift Workers Under Neuroemotional Stress. In E. Usdin, R. Kvetnansky, and I. Kopin (Eds.), Catecholamines and Stress: Recent Advances, Vol. 8. New York: Elsevier New Holland, pp. 471-476, 1980.
264. Dal Fabbro, G.: I voli di "Lungo Raggio" ed, Ritm: Circadian: (Long-Distance Flights and Circadian Rhythms). Minerva Medica, 61:3922-3928, 1970.
265. Dankert, C.: Shorter Hours and Multiple Shifts: A Future Pattern? Personnel, 36:61-69, 1959.
266. Dankert, C., F. Mann, and H. Northrup (Eds.): Hours of Work. New York: Harper and Row, 1965.
267. Dantscher, J., and E. Lederer: Zur Frage der Belastung der Frau durch Nacharbeit. Erfahrungsbericht uber Untersuchungen in Bayern. Arbeitsschutz, 9:201, 1959.
268. Davies, D.: Human Problems in Shift Work. Journal of the Iron and Steel Institute, 209:114-120, 1971.
269. Defayolle, M., J. Liegeois, and J. Jacq: Influence des horaires et du type de travail sur les epreuves de vigilance. Archives des Maladies Professionnelles, 38:139-142, 1977.
270. De Jong, J.: Quantitative Data Regarding the Application of Shiftwork and Regarding Shiftworkers. Report No. EF-SC-77/1/5 of the European Foundation for the Improvement of Living and Working Conditions (Dublin) and Berenschot, P. V. (Utrecht), 1979.
271. De Jong, J.: Some Outcomes of an Investigation into the Effects of the Application of Shift Work Systems. International Journal of Production Research, 12:1-19, 1974.
272. de La Mare, G., and S. Shimmin: Preferred Patterns of Duty in a Flexible Shift-Working Situation. Occupational Psychology, 38:203-214, 1964.

273. de La Mare, G., and J. Walker: Factors Influencing the Choice of Shift Rotation. Occupational Psychology, 42:1-21, 1968.
274. de La Mare, G., and J. Walker: Shift Working: The Arrangement of Hours on Night Work. Nature, 208:1127-1128, 1965.
275. de La Mare, G., and J. Walker: Stress on the Shifts. Management Today, 20:17-18, 1967.
276. de La Mare, G., and J. Walker: The Night Shift. Business, 95:48-51, 1965.
277. Delnatte, M.: Repercussions du travail en equipe sur la sante des jeunes travailleurs. Med Usine, 13:269, 1956.
278. Delvas, E., and A. Soulier. Les repercussions du travail en equipe sur la sante des jeunes travailleurs. Annales de Medecine Sociale, 8:312, 1951.
279. Demaret, D., and J. Fialaire: L'ulcere gastroduodenal en milieu de Travail. Sa relation possible avec le regime des 3x8. (The Gastroduodenal Ulcer in the Work Environment - It's Possible Relation to Shift Work). Archives des Maladies Professionnelles, 35(3):432-438, 1974.
280. Dempsey, C., T. Greiner, N. Burch, D. Chiles, and J. Steel: The Human Factors in Long Range Flight. Journal of Aviation Medicine, 27:18-22, 1956.
281. Derby, G., and R. Bleyer: Influence du Rythme der Trois-Luit sur L'Alimentation des Travailleurs. (The Influence of Shift-Working on Food Intake). In G. Derby and R. Bleyer (Eds.), Alimentation et Travail. Paris: Masson, pp. 153-172, 1971.
282. Derby, G., P. Gerault, . Lefort, and J. Thiebault: Enquete sur les Habitudes Alimentaires des Travailleurs a Feux Continus. Bulletin del l'Inserm, 22:1169-1202, 1967.
283. Dervillee, P., and H. Lazarini: A propos du travail en equipe avec changement d'horaires. Incidences familiales et repercussions possible sur la sante des travailleurs. (Concerning Working in Shifts with Changes in Working Hours: Effects on Families and Possible Repercussions on Worker's Health). Archives des Maladies Professionnelles, 20:306-309, 1959.
284. Dervillee, P., and H. Lazarini: Considerations sur le Travail par Roulement et ses Repercussions sur la Sante. Proceedings of the 12th International Congress on Medicine and Travel, Vol. III:128-130, 1957.
285. Dervillee, P., H. Lazarini and E. Dervillee: Resultats d'une enquete medicale concernant les horaires de travail. (Results of a Medical Investigation Relating to Work Shifts). Archives des Maladies Professionnelles, 24:190-192, 1963.
286. Desir, D., V. Fang, C. Jadot, E. Van Cauter, E. Martino, S. Refetoft, and G. Copinsch: Effects of Transmeridian Transportation on Plasma Control Circadian and Ultradian variations. Abstract of the Eleventh Army of the European Society for Clinic Interest, 8:319, 1978.

287. Desir, D., E. van Cauter, J. Golstein, M. Fevre, C. Jadot, S. Refetoff, and G. Copinschi: Adaptation of the Nycthemeral Variations of Pituitary and Related Hormones After Transmeridian Transportation in Normal Man. In A. Reinberg, N. Vieux, and P. Andlauer, Night and Shift Work: Biological and Social Aspects. New York: Pergamon Press (Abstract), pp. 365, 1981.
288. Desir, D., E. van Cauter, V. Fang, E. Martino, C. Jodat, J. Spire, P. Noel, S. Refetoff, G. Copinschi, and J. Golstein: Effects of "Jet Lag" on Hormonal Patterns. I. Procedures, Variations in Plasma Proteins, and Disruption of Adrenocorticotropin - Cortisol Periodicity. Journal of Clinical Endocrinology and Metabolism, 52:628-641, 1981.
289. De Terssac, G., and Y. Queinnec: Human Reliability in Process Control with Shift Work. Presented at the 8th Congress of the International Ergonomics Association, Tokyo, 1982 (Abstract), Ergonomics, 25:514, 1982.
290. Dexter, H.: Pilot Fatigue Study: A First Look. Airline Pilot, 44:18-19, 1975.
291. Dierlich, U.: Auswirkursen der Zeitverschiebung auf die Tagesrhythmik der 17-Hydroxy corticosteroide. (Effects of Time Shift on the Diurnal Excretion Pattern of 17-Hydroxycorticosteroids). Bonn-Bad Godesberg, West Germany: Deutsche Forschungs-und Versuchsanstalt fur Luft-und Raumfahrt, Institut fur Flugmedizin, No. DLR-FB 73-25, 1973.
292. Dimich, H., and T. Sterling. Ventilatory Function Changes Over a Workshift. British Journal of Industrial Medicine, 38:152-155, 1981.
293. Dirken, J.: Een Analyse van Klachten van Ploegenarbeiders en niet-Ploegenarbeiders. Tijdschrift Voor Sociale Geneeskunde, 43:794-799, 1965.
294. Dirken, J.: Industrial Shift-work: Decrease in Well-Being and Specific Effects. Ergonomics, 9:115-124, 1966.
295. Doskin, V.: Biorhythmical Prerequisites for Organizing the Shift Work of Young Workers. Gigiena Truda I Professional 'Nye Zabolevaniya, 4:9-13, 1976.
296. Downie, J.: Some Social and Industrial Implications of Shift Work. Summary of an Investigation by the Study Group Based on HRH Duke of Edinburgh Study Conference (1956), Industrial Welfare Society, London, 1963.
297. Drenth, P., G. Hoolwerf, and H. Thierry: Psychological Aspects of Shift Work. In P. Warr (Ed.), Personal Goals and Work Design. London: Wiley and Sons, Chapter 14, pp. 209-223, 1975.
298. Dunham, R.: Shiftwork: A Review and Theoretical Analysis. Academy of Management Review, 2:16-21, 1977.
299. Eaves, D.: Night Duty: Time For a Change. Nursing Mirror, 150(6):22-24, 1980.
300. Edholm, O.: The Biology of Work. London: McGraw-Hill, (Shift Work, Chapter 12), 1975.

301. Edwards, R.: Shift Work: Performance and Satisfaction. Personnel Journal, 54:578-587, 1975.
302. Eels, F.: The Economics of Shift Working. Journal of Industrial Economics, 5:51-62, 1956/7.
303. Eels, F.: Three-Shift Plan Keeps Profits Spinning Ahead. The Engineer, 7230:13, 1970.
304. Ehrenstein, W.: Day Sleep After Night Work and Night Sleep After Day Work: Comparative Study in 8 Nurses. In U. Jovanovic (Ed.), The Nature of Sleep. Stuttgart: Gustav Fischer Verlag, pp. 169-171, 1973.
305. Ehrenstein, W.: Die Einwirkung Biologische Rhythmen auf die Leistungsfähigkeit. Deutsche Artzteblatt, 67:2211-2215, 1970.
306. Ehrenstein, W.: Eine polygraphische Untersuchung über den Tagschlaf von Nachtarbeitern im Vergleich zum normalen Tiefschlaf. Congress of the Hungarian Society of Occupational Health, Budapest, pp. 388-391, 1971.
307. Ehrenstein, W., and W. Muller-Limmroth: Changes in Sleep Patterns Caused by Shift Work and Traffic Noise. In P. Colquhoun, S. Folkard, P. Knauth, and J. Rutenfranz (Eds.), Experimental Studies of Shiftwork. Opladen: Westdeutscher Verlag, pp. 48-56, 1975.
308. Ehrenstein, W. and B. Schmid: Effect of Traffic Noise on Night and Day Sleep Patterns. (2nd European Congress on Sleep Research) In Sleep 1974. Basel: S. Karger, pp.440-443, 1975.
309. Ehrenstein, W., W. Muller-Limmroth, and K. Schaffler: Ein elektrophysiologischer Beitrag über die Wirkung von 7-chlor-1, 3-dihydro-3-hydroxy-5-phenyl-2H-1, 4-benzodiazepin-2-on auf den Tagschlaf nach einer Nachtschicht. (An Electrophysiological Contribution to Investigation on the Effect of 7-chlor-1, 3-dihydro-3-hydroxy-5-phenyl-2H-1, 4-benzodiazepin-2-one on the Sleep during Daytime Following a Nightshift). Arzneimittel-Forschung (Drug Research), 19:1656-1659, 1969.
310. Ehrenstein, W., K. Schaffler, and W. Muller-Limmroth: Die Wirkung von Oxazepam auf den gestörten Tagschlaf nach Nachtschichtarbeit. (The Effect of Oxazepam on Day Sleep Disturbed Due to Night Work). Arzneimittel-Forschung (Drug Research), 22:421-427, 1972.
311. Ehrenstein, W., W. Muller-Limmroth, K. Schaffler, and C. Thebaud: Polygraphische Schlafuntersuchungen des Tagschlafs nach einer Nachtschicht und des Nachtschlafs nach einer Tagschicht an 8 Krankenschwestern (Abstract), Pflugers Archives, 319:R121, 1970.
312. Ehret, C.: New Approaches to Chronohygiene for the Shift Worker in the Nuclear Power Industry. In A. Reinberg, N. Vieux, and P. Andlauer (Eds.), Night and Shift Work: Biological and Social Aspects. New York: Pergamon Press, pp. 263-270, 1981.

313. Eich, J.: Einfluss des Schichtarbeit auf den menschlichen. (Effect of Shift Work on the Human). Zentralblatt für Industriebau Fertig, 62:34-36, 1972.
314. Elias, R. and H. Christman: Etude du Travail poste dans un poste de telecommande de Hauts-Fourneaux. (Study of Shift Working in a Remote-Control Station of Blast Furnaces). Archives des Maladies Professionnelles, 40:370-375, 1979.
315. Elliott, A., and J. Mills: Urinary Potassium Rhythms Before and After Transatlantic Flight. Proceedings of the Physiological Society, Journal of Physiology, 200:122p, 1969.
316. Elliott, A., J. Mills, D. Minors, and J. Waterhouse: The Effect of Real and Simulated Time-Zone Shifts upon the Circadian Rhythms of Body Temperature, Plasma 11-Hydroxycorticosteroids, and Renal Excretion in Human Subjects. Journal of Physiology, 221:227-257, 1972.
317. Emde, E., G. Hildebrandt, P. Knarth, I. Lowenthal and J. Ruthenfranz: Physiological Circadian Rhythms of Shift Workers in Three Groups of the Services and One of the Industrial Sector. XIV International Conference of the International Society for Chronobiology (Abstract), Chronobiologia, 6:95, 1979.
318. Endo, S., and E. Koga: The Effect of Time Zone Changes on Sleep. Sleep Research, 4:264, 1975.
319. Endo, S., and M. Sasaki: Alterations of Sleep Rhythms Due to Time Zone Changes (Japanese). Shinkei Kenkyu no Shinpo, 19:779-785, 1975.
320. Endo, S., T. Yamamoto, and M. Sasaki: Effects of Time Zone Changes on Sleep. In L. Johnson, D. Tepas, W. Colquhoun, and M. Colligan (Eds.), Biological Rhythms, Sleep and Shift Work. New York: SP Medical and Scientific Books, pp. 415-434, 1981.
321. Endo, S., T. Yamamoto, and M. Sasaki: Effects of Time Zone Changes on Sleep West-East Flight, and East-West Flight. Jikeika Medical Journal, 25:249-268, 1978.
322. Endo, S., M. Sasaki, K. Nishihara, C. Sekiguchi, Y. Murasaki, R. Bono, and K. Suenaga: Alteration of Sleep Rhythm Due to Time Zone Changes: Study on Synchronization of Sleep Rhythm (Japanese). Proceedings of the 5th Annual Meeting of the Japan Society of Electroencephalography and Electromyography, Tokyo, p. 88, 1975.
323. Engel, P., G. Hildebrandt, and L. Pollman: Die Wirkung von Schlafunterbrechung und Nachtarbeit auf die Frequenz- und Phasenkoordination von Herzschlag und Atmung während des Schlafes. 3rd International Symposium on Night and Shift Work, Dortmund, pp. 95-104, 1974.
324. Englemann, G., and J. Roesler: Vergleichende Untersuchungen an Tag- und Nachtschichtarbeitern in Schuhfabriken mit und ohne Fleissband. Deutsches Gesundheitswesen, 8:485, 1953.

325. Eranko, O. 25-Hours Day: One Solution to the Shift Work Problem. Proceedings of the 12th International Congress on Occupational Health, 3:134-135, 1957.
326. Ernst, G., and J. Rutenfranz: Flexibility in Shiftwork--Some Suggestions. 4th International Symposium on Night and Shift Work (Abstract), Ergonomics, 21:872, 1978.
327. Estevez, B.: El Sueno y la turnicidad (Relacion con la patologia observada). (Sleep and Shift Work (Relationship to Pathology Observed)). Revista Seguridad, Aviles 53:38-43, 1974.
328. Estryn-Behar, M., C. Gadbois, and E. Vaichere: Effets du travail de nuit en equipes fixes sur une population feminine. Resultats d'une enquete dans le secteur hospitalier. (Effects of Night Shift Working upon a Feminine Population. Results of a Survey in the Hospital Sector). Archives des Maladies Professionnelles, 39:531-535, 1978.
329. Eustace, J.: Shift Work. Industrial Medicine and Surgery, 34:857-859, 1965.
330. Evans, A.: Hours of Work. In, Encyclopedia of Occupational Health and Safety. Geneva: International Labour Office, Vol. I:673-675, 1971.
331. Evans, J., G. Christie, S. Lewis, J. Daly, and M. Moore-Robinson: Sleep and Time Zone Changes. A Study in Acute Sleep Reversal. Archives of Neurology, 26:36-48, 1972.
332. Evstafeu, V., L. Shafram and O. Netudykhatka: Rabotosposobnost' moriakov v usloviakh izmenennogo rezhima truda i otdykha. (The Work Capacity of Sailors Under Conditions of Varying Work-Rest Cycles). Voenno-Meditsinskii Zhurnal, pp. 46, 47, 1981.
333. Farooq, G., and G. Winston: Shift Working, Employment and Economic Development: A Study of Industrial Workers in Pakistan. Williams College, Mass., Report No. 60, 1974, and in Economic Development and Cultural Change (Chicago), 26:227-244, 1978.
334. Fawer, R., and M. Lob: Pathologie du travail poste. Etude de quatre entreprises d'Etat. (Pathology of Shiftwork. Study of 4 State-owned Factories). Sozial-und Praventivmedizin, 24:264, 1979.
335. Felton, G., and M. Patterson: Shift Rotation is Against Nature. American Journal of Nursing, 71:760-763, 1971.
336. Fenno, R.: Aircrew Conditioning for Long Range Flight. Aerospace Medicine, 33:447-452, 1962.
337. Ferguson, D.: Shift Work and Health. Personnel Practice Bulletin (Canberra), 27(2):113-122, 1971.
338. Fevre-Montagne, M., F. van Cauter, S. Refetoff, D. Desir, J. Tourniaire, and G. Copinschi: Effects of "Jet Lag" on Hormonal Patterns. II. Adaptation of Melatonin Circadian Periodicity, Journal of Clinical Endocrinology & Metabolism,

52:642-649, 1981.

339. Filev, B., K. Kalchev, M. Kovacheva, A. Ivanova, Zv. Miladinova, T. Botev, A. Janev, and E. Marinova. Psychophysiological Assessment of the Work Loading in the Ferro-Alloy Production of Metallurgy. 2nd International Symposium on Night and Shift Work, 7-9, 1971.
340. Fischgold, H.: Problemes poses par la dette de sommeil, la reserve de sommeil et l'adaptation du sommeil lors du franchissement de fuseaux horaires. (Problems Raised by the Sleep Debt, Sleep Reserve and Sleep Adaptation While Crossing Time Meridians) (Abstract). Archives des Maladies Professionnelles, 32:395-396, 1971.
341. Fishwick, F., and C. Harling: Shiftworking in the Motor Industry: Detailed Study and Assessment. National Economic Development Office, London, 1974.
342. Flink, E., and R. Doe: Effect of Sudden Time Displacement by Air Travel on Synchronization of Adrenal Function. Proceedings of the Society for Experimental Biology and Medicine, 100:498-501, 1959.
343. Fly, R.: Why Rotating Shifts Sharply Reduce Productivity. Supervisory Management, 25:16-21, 1980.
344. Foley, M. and M. Babbitz: Effects of Shift Work on Employee Health. Preprints, 1980 Annual Scientific Program of the Aerospace Medical Association, 176-177, 1980.
345. Folkard, S.: Circadian Rhythms and Human Memory. XIV International Conference of the International Society for Chronobiology (Abstract), Chronobiologia, 6:98, 1979.
346. Folkard, S.: Shiftwork and Its Effect on Performance. In L. Scheving and F. Halberg (Eds.), Chronobiology: Principles and Applications to Shifts in Schedules. The Netherlands: Sijthoff and Noordhoff, pp. 293-306, 1980.
347. Folkard, S.: Shiftwork and Performance. In L. Johnson, D. Tepas, W. Colquhoun, and M. Colligan (Eds.), Biological Rhythms, Sleep and Shift Work. New York: SP Medical and Scientific Books, pp. 283-306, 1981.
348. Folkard, S.: The Nature of Diurnal Variations in Performance and Their Implications for Shift Work Studies. In P. Colquhoun, S. Folkard, P. Knauth, and J. Rutenfranz (Eds), Experimental Studies of Shiftwork. Opladen: Westdeutscher Verlag, pp. 113-122, 1975.
349. Folkard, S., and S. Haines: Adjustment to Night Work in Full and Part-Time Nurses. Proceedings of the Physiological Society, Journal of Physiology, 267:23p-24p, 1977.
350. Folkard, S., and T. Monk: Circadian Rhythms in Human Memory. British Journal of Psychology, 71:295-307, 1980.
351. Folkard, S., and T. Monk: Individual Differences in the Circadian Response to a Weekly Rotating Shift System. In A. Reinberg, N. Vieux, and P. Andlauer

(Eds.), Night and Shift Work: Biological and Social Aspects. New York: Pergamon Press, pp. 367-374, 1981.

352. Folkard, S., and T. Monk: Shiftwork and Performance. Human Factors, 21:483-492, 1979.
353. Folkard, S., T. Monk, and M. Lobban: Short and Long-Term Adjustment of Circadian Rhythms in "Permanent" Night Nurses. Ergonomics, 21:785-799, 1978.
354. Folkard, S., T. Monk, and M. Lobban: Towards a Predictive Test of Adjustment to Shift Work. Ergonomics, 22:79-91, 1979.
355. Folkard, S., P. Knauth, T. Monk and J. Rutenfranz. The Effect of Memory Load on the Circadian Variation in Performance Efficiency Under a Rapidly Rotating Shift System. Ergonomics, 19(4):479-488, 1976.
356. Folkard, S., T. Monk, E. Lewis, and C. Whelpton: Individual Differences and Adjustment to Shiftwork. Shamkill, Co. Dublin: The European Foundation for the Improvement of Living and Working Conditions, 1982.
357. Foret, J.: Horaires de travail et vieillissement. In A. Laville, C. Teiger and A. Wisner (Eds.), Age et Contraintes de Travail, France: Jouyen-Josas, pp. 82-86, 1975.
358. Foret, J.: L'homme en activite et son sommeil. (The Working Man and His Sleep). Le Travail Humaine, 41:43-54, 1978.
359. Foret, J.: Sommeil et horaires de travail irreguliers. (Sleep and Irregular Working Hours). Dissertation, Universite des Sciences et Techniques de Lille, France, 1973.
360. Foret, J., and O. Benoit: Etude du sommeil de travailleurs a horaires alternants: Adaptation et recuperation dans le cas de rotation rapide de poste (3-4 jours). (Study of Sleep and Shift Workers with Alternating Schedules: Adaptation and Recovery in Case of Rapid Shift Rotation (3-4 days)). European Journal of Applied Physiology and Occupational Physiology, 38(1):71-82, 1978.
361. Foret, J., and O. Benoit: Nightwork: Adaptation of the Sleep After Schedule Inversion in Permanent and Occasional Shiftworkers (Abstract), Sleep Research, 6:217, 1977.
362. Foret, J., and O. Benoit: Predictable Effects on Individual Sleep Patterns During a Rapidly Rotating Shift System. International Archives of Occupation and Environmental Health, 45(1):49-56, 1980.
363. Foret, J., and O. Benoit: Shiftwork and Sleep. In W. Koella and P. Leum (Eds.), Sleep 1976: Memory, Environment, Epilepsy, Sleep Staging, New York: Karger 81-86, 1977.
364. Foret, J., and O. Benoit: Shiftwork: The Level of Adjustment to Schedule Reversal Assessed by a Sleep Study. Waking and Sleeping, 2:107-112, 1978.

365. Foret, J., and O. Benoit: Sleep Recordings of Shift Workers Adhering to a Three-to-Four-Day Rotation (Study 2). Chronobiologia, Vol. 6, Suppl. 1:45-53, 1979.
366. Foret, J., and O. Benoit: Structure du sommeil chez des travailleurs a horaires alternants. (Sleep Patterns of Workers on Rotating Shifts). Electroencephalography and Clinical Neurophysiology, 37:337-344, 1974.
367. Foret, J., and G. Lantin: The Sleep of Train Drivers: An Example of the Effects of Irregular Work Schedules on Sleep. In W. P. Colquhoun (Ed.), Aspects of Human Efficiency, London: English University Press, pp. 273-282, 1972.
368. Foret, J., O. Beniot, and B. Merle: Can the Short-term Adjustment of an Individual to Schedule Inversion be Predicted? XIV International Conference of the International Society for Chronobiology (Abstract), Chronobiologia, 6:98-99, 1979.
369. Foret, J., O. Benoit, and B. Merle: Circadian "Profile" of Short and Long Sleepers. In L. Johnson, D. Tepas, W. Colquhoun, and M. Colligan (Eds.), Biological Rhythms, Sleep and Shift Work. New York: SP Medical and Scientific Books, pp. 499-512, 1981.
370. Foret, J., G. Bensimon, O. Benoit, and N. Vieux: Quality of Sleep as a Function of Age and Shift Work. In A. Reinberg, N. Vieux, and P. Andlauer (Eds.), Night and Shift Work: Biological and Social Aspects. New York: Pergamon Press, pp. 149-154, 1981.
371. Fort, A.: The Effects of Rapid Change in Time Zone on Circadian Variations in Psychological Functions. Proceedings of the Physiological Society, Journal of Physiology, 200:124p, 1969.
372. Fort, A., D. Ferguson, K. Kitcher, and C. Botchway: The Use of Saliva in Monitoring Adjustment to Experimental Phase Shifts. Abstract, 4th International Symposium on Night and Shift Work, Ergonomics, 21:865-866, 1978.
373. Fraser, D.: A Study of Fatigue in Aircrew-A Comparison of Effects of Day and Night Flying. Flying Personnel Research Committee Report No. 925, 1955.
374. Fritzsche, W.: Ergebnisse sozialgynakologischer untersuchungen zur Tauglichkeit werktatiger frauen. (Results of Sociogynecological Examination for Fitness of Working Women). Zentralbl Gynaekol, 101:962-969, 1979.
375. Fritzsche, W.: Night-Shift Work and the Health Status of Working Women. Zeitschrift fuer die Hygiene und ihre Grenzgebiete, 23:885-888, 1977.
376. Froberg, J.: Shift Work and Irregular Working Hours in Sweden: Research Issues and Methodological Problems. In L. Johnson, D. Tepas, W. Colquhoun, and M. Colligan (Eds.), Biological Rhythms, Sleep and Shift Work. New York: SP Medical and Scientific Books, pp. 225-240, 1981.
377. Froberg, J., and T. Akerstedt: Auswirkungen der Nacht-und Schichtarbeit auf die Gesundheit. (Effects of Night Work and Shift Work on Health).

378. Froberg, J., C. Karlsson, and L. Levi: Shiftwork: A Study of Catecholamine Excretion, Self Ratings and Attitudes. Studia Laboris et Salutis, 11:10-20, 1972.
379. Froberg, J., C. Karlsson, L. Levi, L. Lidberg, and K. Seeman: Circadian Rhythms in Catecholamine Excretion, Psychomotor Performance and Ratings of Stress and Fatigue During a 75-Hour Vigil. Studia Laboris et Salutis, 4:64-67, 1969.
380. Frolov, N.: Evaluation of the Work Capacity of the Pilot in the Course of a Flight Shift. Venno-Meditsinskii-Zhurnal, 7:65-68, 1976.
381. Frost, P., and M. Jamal: Shift Work, Attitudes, and Reported Behavior: Some Associations Between Individual Characteristics and Hours of Work and Leisure. Journal of Applied Psychology, 64:77-81, 1979.
382. Fuller, C., F. Sulzman, and M. Moore-Edo: Shift Work and the Jet-Lag Syndrome: Conflicts Between Environmental and Body Time. In L. Johnson, D. Tepas, W. Colquhoun and M. Colligan (Eds.), Biological Rhythms, Sleep and Shift Work. New York: SP Medical and Scientific Books, pp. 241-256, 1981.
383. Fuller, R.: Determinants of Time Headway Adopted by Truck Drivers. Ergonomics, 24:463-474, 1981.
384. Furon, D., P. Frimat, J. Caillard, H. Labriffe, A. Thilliez, and F. Broussier: Aspects Medicaux, Sociaux et Professionnels du Travail en equipe chez les Femmes. (Medical, Social and Occupational Aspects of Shiftwork for Women). Archives des Maladies Professionnelles, 39:121-139, 1978.
385. Furon, D., P. Frimat, and A. Cantineau: Les Problemes Medicaux Poses par le Travail Poste--Communication sur les Resultants d'une Enquete Relative au Travail Poste. Caisse Reginald d'assurance Maladie due Word de la France, Lille, France, May 1977.
386. Gabersek, F., F. Lille, and J. Scherrer: Sommeil de jour d'un groupe de travailleurs de nuit. Transactions of the Third Congress of the French Language Ergonomics Society, Brussels U. Press., pp. 315-318, 1965.
387. Gabois, C.: La condition des travailleuses de nuit du secteur hospitalier: systemes d'horaires et caracteristiques generales de la population. Internal Report, Laboratoire de Psychologie du Travail, E. P. H. E., Paris, 1979.
388. Gabois, C.: Les effets de la charge du travail hospitalier de nuit au plan de la vie extra-professionnelle. Internal Report, Laboratoire de Psychologie du Travail, E. P. H. E., Paris, 1979.
389. Gabois, C.: Women on Night Shift: Interdependence of Sleep and Off-the-Job Activities. In A. Reinberg N. Vieux, and P. Andlauer (Eds.), Night and Shift Work: Biological and Social Aspects. New York: Pergamon Press, pp. 223-227, 1981.
390. Gambashidze, G.: O znachenii sutochnoi periodichnosti fizjologicheskikh funktsii v

oceneke rabotosposobnosti pri trekhsmennykh rabotakh. Gigiena Truda i Professional' nye Zabolevaniya (Russian), 6:13, 1961.

391. Gambashidze, G.: O znachenni sutochnogo ritma fizjologicheskikh funktsii dlia ocenki rabotosposobnosti pri smennykh i nochnykh rabotakh. Moskva Dissertation, 1964.
392. Gambashidze, G.: Peculiarities of Physiological Shifts with Monotonous Work Performed According to a Sliding 3-Shift Schedule (English Summary). Gigiena Truda i Professional'nye Zabolevaniya (Russian), 13:12-17, 1969.
393. Gambashidze, G.: Possibilities of Body Adaptation to Day and Night Shift Work. Gigiena Truda i Professional'nye Zabolevaniya (Russian), 9:12-17, 1965.
394. Gambashidze, G.: The Effect Produced by the Nature of Occupational Activity on the "Sense of Time" Factors. Gigiena Truda i Professional'nye Zabolevaniya (Russian), 20(4):1-5, 1976.
395. Gantchev, G., and N. Tsaneva: K Voprosu o rexime truda i otdiha pri smennoj rabote. Trudove NIOTPZ, 8:5-10, 1961.
396. Gardner, A., and B. Dagnall: The Effect of 12-Hour Shift Working on Absence Attributed to Sickness. British Journal of Industrial Medicine. 34:148-150, 1977.
397. Gardner, W., and P. Taylor: Health at Work. London, Associated Business Programmars LTD, 1975.
398. Garfield, E.: What do We Know About Jet Lag? Current Contents, 23:5-11, 1980.
399. Gautier, C.: Pathologie Aquize au Cours du Travail Poste. (Health Impairment Due to Shift Work). M. D. Thesis, Universite de Bordeaux II, Unites d'Enseignement et de Recherche des Sciences Medicales, Bordeaux, France, 1977.
400. Gavrilesco, N., M. Pafnote, I. Vaida, I. Mihaila, L. Cirstoce, O. Luchian, and P. Popescu: Control Board Shift Work Turning Every Two Days. Proceedings, 15th International Congress of Occupational Health (Vienna, 1966), (Vienna, Verlag der Wiener Medizinischen Akademie) Vol. IV, pp. 103-106, 1966.
401. Gavrilesco, N., M. Pafnote, I. Vaida, I. Mihaila, and O. Luchian: Studiul oboselii in diferite schimburi de munca la operatorii de la tablourile de comanda din centralele termoelectrice. Igiena (Bucarest), 14:535-543, 1965.
402. Gavrilesco, N., M. Pafnote, I. Vaida, I. Mihaila, O. Luchian, and P. Popescu: Unele aspecte ale adaptarii organismului la alternarea saptaminala a schimburilor de lucru (English Summary). (Some Aspects of Adaptation of the Body to Weekly Work Shift Changes). Fiziologia Normala si Pathologica, 13:421-428, 1967.
403. Gentry, J.: Shift Provisions in Major Union Contracts, 1958. Monthly Labor Review, 82:271-275, 1959.
404. Gerathewohl, S.: Simple calculator for Determining the Physiological Rest Period

After Jet Flights Involving Time Zone Shifts. Aerospace Medicine, 45:449-450, 1974.

405. Gereb, G.: Industrial Psychological Experiments to Determine Changes in the Level of Fatigue of Individual Shifts of Workers. Arbeitswissenschaft, 16:81-86, 1962.
406. Gerritzen, F.: Methods for the Study of the Behaviour of Human Circadian Rhythms in Kidney Function Before, During and After Global Flights. In D. Busby (Ed.), Recent Advances in Aerospace Medicine, Dordrecht-Holland: D. Reidel, pp. 356-358, 1970.
407. Gerritzen, F.: The Diurnal Rhythm in Water, Chloride, Sodium and Potassium Excretion During a Rapid Displacement From East to West and Vice Versa. Aerospace Medicine, 33:697-701, 1962.
408. Gerritzen, F., and T. Strengers: Adaptation of Circadian Rhythms in Urinary Excretions to Local Time, After Rapid Air Travel. In L. Scheving, G. Halberg, and J. Pauly (Eds.), Chronobiology, Tokyo: Igaku Shoin, Ltd., pp. 555-559, 1974.
409. Gerritzen, F., and L. Wassenaar: Techniques pour l'etude du comportement des rythmes circadiens de la fonction renale avant pendant et apres les vols globaux. (Techniques for the Study of the Circadian Rhythm Behavior of Renal Function Before, During and After Global Flight). Archives des Maladies des Professionnelles, 32:388-9, 1971.
410. Gerritzen, F., T. Strengers, and S. Esser: Studies on the Influence of Fast Transportation on the Circadian Excretion Pattern of the Kidney in Humans. Aerospace Medicine, 40:264-271, 1969.
411. Gerritzen, F., T. Strengers, and S. Esser: The Behavior of the Circadian Rhythm in Water and Electrolyte Excretion Before, During and After a Flight From Amsterdam to Anchorage and Tokyo. Paper presented at the 16th International Congress of Aviation and Space Medicine. (Abstract) Revista Medica Aeronautica, 6:70, 1967.
412. Ghata, J.: Effets physiologiques des vols transmeridiens. (Physiological Effects of Transmeridian Flights) (Abstract). Archives des Maladies des Professionnelles, 32:385-388, 1971.
413. Ghata, J., and A. Reinberg: Circadian Rhythms in Oral Temperature, Urinary 17-OHCS and VMA After Transmeridian Flights: Special Reference to Speed and Mode of Adjustment, Amplitude, Aging and Time of Year. In A. Reinberg, N. Vieux, and P. Andlauer (Eds.), Night and Shift Work: Biological and Social Aspects. New York: Pergamon Press, pp. 311-322, 1981.
414. Ghata, J., A. Reinberg, N. Vieux, C. Abulker, and A. Nicolai: Adjustment of the Circadian Rhythms of Urinary 17-OHCS, 5-HIAA, Catecholamines, and Electrolytes in Oil Refinery Operators to a Rapidly Rotating Shift System. 4th International Symposium on Night and Shift Work (Abstract), Ergonomics, 21:863, 1978.
415. Gillberg, M., and T. Akerstedt: Possible Measures of "Sleepiness" for the

Evaluation of Disturbed and Displaced Sleep. In A. Reinberg, N. Vieux, and P. Andlauer (Eds.), Night and Shift Work: Biological and Social Aspects. New York: Pergamon Press, pp. 155-160, 1981.

- 416. Gillon, D.: Les Rythmes du Travail. (The Cadences of Work). L'Hygiene Mentale, 46:36-67, 1957.
- 417. Gingst, V.: Funktsional'niye Sdvigil v Organisma Cheloveka pre Pereyездye v Mesta s 3-Chasovoi Poyasnoi Raznidtei. Teoriya I Practica Fizicheskoi Kultury, 3:39-40, 1970.
- 418. Glenville, M.: Examination of the Factors Influencing Individual Susceptibility to Shiftwork. XIV International Conference of the International Society for Chronobiology (Abstract), Chronobiologia, 6:101, 1979.
- 419. Glenville, M., and R. Wilkinson: Portable Devices for Measuring Performance in the Field: The Effects of Sleep Deprivation and Night Shift on the Performance of Computer Operators. Ergonomics, 22:927-933, 1979.
- 420. Glines, C.: Flight Time/Duty Time: A New Approach. Airline Pilot, 48:6-12, 55, May 1979.
- 421. Globus, G., E. Phoebus, and R. Boyd: Temporal Organization of Night Workers' Sleep. Aerospace Medicine, 43:266-268, 1972.
- 422. Glybin, L.: Vnutrisutochnaia dinamika pokazatelei fizicheskoi rabotosposobnosti i fiziologicheskikh funktsii. (Diurnal Dynamics of the Indicators of the Capacity for Physical Work and of Physiological Functions). Sovetskaya Meditsina, No. 6, pp. 10-13, 1982.
- 423. Godard, J., A. Delabroise, J. Monnier, G. Durrmeyer, C. Moillie, and C. Colmiche: A propos du travail sur trois tournées dans la Siderurgie Lorraine. Archives des Maladies Professionnelles, 24:135-139, 1963.
- 424. Goersdorf, K.: Practical Measures for Positive Structuring of the Night Shift. Mensch und Arbeit, 5:133, 1960.
- 425. Goldberg, V.: What Can We do About Jet Lag? Psychology Today, 11:70-72, 1977.
- 426. Goldsmith, F.: The Significance of Worker and Worker Representatives Participation in Employer-Personnel Relations Programs - Shift Work, Flex(i) Time, Absenteeism, Ergonomics. In R. Plestina (Ed.), Proceedings of the XIX International Congress on Occupational Health, Organizational and Social Aspects of Occupational Health, Zagreb: Institute for Medical Research and Occupational Health. Vol. 4, pp. 1523-1528.
- 427. Goncharenko, A: Elektrofiziologicheskoe Issledovanie sna pri Smennom Rezhime Raboty I Proizvodstvenno Obusloviennom Emotsional 'nom Napriazhenii. Frziologia Cheloveka, 5:641-649, 1979.
- 428. Gordon, G., W. McGill, and J. Maltese: Home and Community Life of a Sample of Shift Workers. In L. Johnson, D. Tepas, W. Colquhoun, and M. Colligan (Eds.),

Biological Rhythms, Sleep, and Shift Work. New York: SP Medical and Scientific Books, pp. 357-370, 1981.

429. Gordon, G., D. Tepas, C. Stock, and J. Walsh: Gaining Access to Shiftworkers Through Labor Unions. Behavior Research Methods and Instrumentation, 11:14-17, 1979.
430. Gouttenegre, C.: Etude sur le travail en 3x8 a Electricite et Gaz de France. Archives des Maladies Professionnelles, 24:117-120, 1963.
431. Graeber, R.: Alterations in Performance Following a Rapid Transmeridian Flight. XIV International Conference of the International Society for Chronobiology (Abstract), Chronobiologia, 6:101-102, 1979.
432. Graeber, R., H. Sing, and B. Cuthbert: The Impact of Transmeridian Flight on Deploying Soldiers. In L. Johnson, D. Tepas, W. Colquhoun, and M. Colligan (Eds.), Biological Rhythms, Sleep and Shift Work. New York: SP Medical and Scientific Books, pp. 513-538, 1981.
433. Graeber, R., B. Cuthbert, H. Sing, R. Schneider, and G. Sessions. Rapid Transmeridian Deployment: I. Use of Chronobiologic Countermeasures to Hasten Time Zone Adjustment in Soldiers. XIVth International Conference of the International Society for Chronobiology (Abstract), Chronobiologia 6:102, 1979.
434. Graf, O.: Welche Menschen eignen sich nicht fur Nachtarbeit? Deutsche Medizinische Wochenschrift, 82:2236, 1957.
435. Graf, O., R. Pirtkien, J. Rutenfranz, and E. Ulich: Nervose Belastung im Betrieb, I. Teil: Nachtarbeit und Nervose Belastung. Forschungsberichte des Wirtschafts-Verkehrsministeriums, 530:1-51, 1958.
436. Grandjean, E.: La Prevention de la Fatigue par L'Adaptation des Horaires du Travail et du Regime Alimentaire. Zeitschrift fuer Praventivmedizin, 10:24-34, 1965.
437. Grandjean, E., and H. Juan: Ermudungsmessungen bei Telephonistinnen wahrend der Nachtarbeit. Zeitschrift fuer Praventivmedizin, 5:143-152, 1960.
438. Grandjean, E., and G. Wotzka: Fatigue Related to Day-Time and Night-Time and to the Duration of Work Hours in Air Traffic Controllers. XVI International Congress on Occupational Health, Tokyo, 1969.
439. Grandjean, E., G. Wotzka, R. Schaad, and A. Gilgen: Fatigue and Stress in Air Traffic Controllers. Ergonomics, 14:159-165, 1971.
440. Grieb, M.: Le travail en equipes alternantes. Problemes medicaux. These, Strasbourg, France, 1972.
441. Griew, S., and E. Phillipp: Workers' Attitudes and the Acceptability of Shift-Work in New Zealand Manufacturing Industry. New Zealand Institute of Economic Research, Research Paper No. 12, 1969.

442. Griffin, M.: Starting with Shifts. Industrial Society, 56:7-8, 1974.
443. Griffity, K., W. Kerr, and B. Mayo: Changes in Subjective Fatigue and Readiness for Work During the Night-Hours Shift. Journal of Applied Psychology, 34:163-166, 1950.
444. Groll, E., and M. Haider: Belastungsunterschiede bei arbeiterinnen in Fruh-und Spatschicht. Internationale Zeitschrift fur Angewandte Physiologie, 21:305-312, 1965.
445. Groll, E., M. Haider, and G. Studynka. Psychophysiological Monitoring of the Worker During Special Working Conditions. 15th International Congress of Occupational Health, 1:79-81, 1966.
446. Guastello, S.: Color Matching and Shiftwork - An Industrial Application of the Cusp-Difference Equation. Behavioral Science, 27:131-139, 1982.
447. Guberan, E., M. Williams, J. Walford, and M. Smith: Circadian Variation of F.E.V. in Shift Workers. British Journal of Industrial Medicine, 26:121-125, 1969.
448. Guerin, J., and G. Devez: Charge de travail et systeme de rotation: resultats de deux enquetes sur la fatigue mentale chez les siderurgistes soumis ou non aux horaires alternants. In P. Andlauer, J. Carpentier, and P. Cazamian (Eds.), Ergonomie du travail de nuit et des horaires alternants. Paris: Editions CUJAS, pp. 177-188, 1977.
449. Guille, S., E. Vaichere, M. Estryn-Behar: Incidences physiologiques et psychosociologiques du travail de nuit chez les infirmieres de l'assistance publique de Paris. Archives des Maladies Professionnelles, 41:19-21, 1980.
450. Guillerim, R., E. Radziszewski, and A. Reinberg: Circadian Rhythms of Six Healthy Young Men Over a 4-Week Period with Night-Work Every 48H and a 2% CO2 Atmosphere. In P. Colquhoun, S. Folkard, P. Knauth, and J. Rutenfranz (Eds.), Experimental Studies of Shiftwork. Opladen: Westdeutscher Verlag, pp. 123-130, 1975.
451. Guillerim, R., E. Radziszewski, and A. Reinberg: Persisting and Unaltered Circadian Rhythms of Six Healthy Young Men with a Night-Work Shift Every 48 Hours and a 2% CO2 Atmosphere During a 4-Week Span. Chronobiologia, 2:336-344, 1975.
452. Guisset, J., T. Vanden Driessche, and R. Detrie: Conceiving Microprocessor-Based Data Gathering and Processing. In A. Reinberg, N. Vieux, and P. Andlauer (Eds.), Night and Shift Work: Biological and Social Aspects. New York: Pergamon Press, pp. 25-28, 1981.
453. Gullett, C.: Jet Planes and the Circadian Cycle. Journal of the American Medical Association. 197(11):935-936, 1966.
454. Hadengue, A., J. Reynaud, and A. Reinberg: Les incidences psycho-physiologiques et les aspects pathologiques de la repartition des horaires de travail. Archives des Maladies Professionnelles, 24:1-45, 1963.

455. Hadjileva, J., and M. Daleva: Daily Variations of the Urinary Excretion of Some Corticosteroids and Catecholamines in Workers Under Different Working Conditions. 4th International Symposium on Night and Shift Work (Abstract), Ergonomics, 21:866, 1978.
456. Hadjiolova, I., N. Stoyanova, and N. Tsaneva: Optimalni reximi na trud i pocivka v metalurgiata. Trudove NIOTPZ, 20:3-7, 1971.
457. Haider, M., M. Kundi, and M. Koller: Methodological Issues and Problems in Shift Work Research. In L. Johnson, D. Tepas, W. Colquhoun, and M. Colligan (Eds.), Biological Rhythms, Sleep and Shift Work. New York: SP Medical and Scientific Books, pp. 145-164, 1981.
458. Haider, M., R. Cervinka, H. Holler, E. Knap, M. Koller, M. Kundi, M. Neuberger, and H. Schmid: Gesundheitliche und soziale Aspekte der Schichtarbeit. Institut fur Gesellschaftspolitik, Wien, 1979.
459. Hak, A., and R. Kampman: Working Irregular Hours: Complaints and State of Fitness of Railway Personnel. In A. Reinberg, N. Vieux, and P. Andlauer, Night and Shift Work: Biological and Social Aspects. New York: Pergamon Press, pp. 229-236, 1981.
460. Hak, T., and A. Boelsma (Eds.): Leven om te werken, werken om te leven. Menigen en ervaringen van Shell-poloegenwerkers en hun partners. Industriebel NVV, Rotterdam, 1978.
461. Hakkinen, S.: Adaptability to shift work. Studia Laboris et Salutis, 4:68-80, 1969.
462. Hakkinen, S.: Psychological and Physiological Reactions to Shift Work. XV Congress Int. de Medicine du Travail, Vienna, Vol. IV, p. 87, 1966.
463. Hakkinen, S., and O. Kammonen: Adaptability to Shift Work. Abstract of the International Conference of the Permanent Commission and International Association of Occupational Health, Slanchev Bryag, 1971.
464. Halberg, F.: Chronobiology. Annual Review of Physiology, 31:675-725, 1969.
465. Halberg, F.: NATO Advanced Institute on Principles and Application of Chronobiology to Shifts in Schedules with Emphasis on Man (Schedule) Chronobiologia, 6:271-279, 1979.
466. Halberg, F.: Short Term and Long Term Hazards Associated with Repeated Phase Shifts of the Circadian Rhythm. In Reunion de Chronobiologie Appliquee Hygiene de l'Environnement, Paris, 1969.
467. Halberg, F.: Some Aspects of Chronobiology Relating to the Optimization of Shift Work. In P. Rentos and R. Shepard (Eds.) Shift Work and Health: A Symposium. Washington: U.S. Department of Health Education and Welfare (NIOSH), pp. 13-47, 1976.
468. Halberg, F., and A. Reinberg: Rythmes circadiens et rythmes de bases frequences

en physiologie humaine. (Circadian and Low Frequency Rhythms in Human Physiology). Journal of Physiology (Paris), 59:Suppl:117-200, 1967.

469. Halberg, F., Alain Reinberg, and Agnes Reinberg: Chronobiologic Serial Sections Gauge Circadian Rhythm Adjustment Following Transmeridian Flight and Life in Novel Environment. Waking and Sleeping, 1(3):259-270, 1977.
470. Halberg, F., A. Reinberg, and H. Simpson (Eds.): Abstracts from the 3rd International Symposium on Night and Shift Work. International Journal of Chronobiology, 3:1-17, 1975.
471. Halberg, F., H. Wendt, E. Haus, D. Lakatua: Steps Toward Physiologically Validated Manility (earliness) versus Serality (lateness) for use in Specific Applications. Shift-work and Treatment Scheduling. Chronobiologia, 4:115, 1977.
472. Halberg, F., D. Hayes, E. Halberg, F. Carandente, J. Halberg, R. Southern, and D. Dubey: Shift Schedules in Relation to Ulcerogenesis, Carcinogenesis and Lifespan Modelled in the Laboratory With and Without Shift-Modifying Drugs. 4th International Symposium on Night and Shift Work (Abstract), Ergonomics, 21:864, 1978.
473. Hale, H., E. Williams, B. Smith, and C. Melton: Excretion Patterns of Air Traffic Controllers. Aerospace Medicine, 42:127-138, 1971.
474. Hale, H., E. Williams, B. Smith, and C. Melton: Neuroendocrine and Metabolic Response to Intermittent Night Shift Work. Aerospace Medicine, 42:156-162, 1971.
475. Hale, B., B. Hartman, D. Harris, E. Williams, R. Miranda, and J. Hosenfeld: Time Zone Entrainment and Flight Stressors as Interactants. Aerospace Medicine, 43:1089-1094, 1972.
476. Hall, D., R. Townsend, and J. Knippa: Changes in Mood, Fatigue, and Work-Rest Cycles Associated with Deep Submersible Operations. Interim Report No. NAVHLTHRSCHC-80-5 A D-A091 589. 1980.
477. Hall, D., R. Townsend, and J. Knippa: Stress, Fatigue, and Work-Rest Cycles Associated with Deep Submergence Rescue Vehicle Fly-Away Evolution. Naval Health Research Center, 1979.
478. Hamar, N.: Work Efficiency and the Working-Resting Pattern (Hungary). Munkavedelem, 11:23-25, 1965.
479. Hamilton, M.: OH Congress Session-Shift Work. Occupational Health, 27:477-478, 1975.
480. Harada, A.: Effect of the Three-Shift System on Mental Efficiency. Journal of the Nagoya City University Medical Association, 13:83-89, 1962.
481. Harkness, P., and B. Krupinski: Two Surveys: Working Hours Arrangements and Shiftwork. Work and People (Canberra), 3:27-34, 1977.
482. Harrington, J.: Shift Work and Health: A Critical Review of the Literature.

London: Her Majesty's Stationary Office, 1978.

483. Harris, D., H. Hale, B. Hartman, and J. Martinez: Oral Temperature in Inflight Work/Rest Schedules. Aerospace Medicine, 41:723-727, 1970.
484. Harris, W.: Fatigue, Circadian Rhythm, and Truck Accidents. In R. Mackie (Ed.), Vigilance: Theory, Operational Performance, and Physiological Correlates. New York: Plenum Press, pp. 133-146, 1977.
485. Harris, W., and R. Mackie: A Study of the Relationships Among Fatigue, Hours of Service, and Safety of Operations of Truck/Bus Drivers. Phase I. Technical Report No. 1727-1, Human Factors Research Inc., Goleta, California, 1972.
486. Hartley, L., and E. Shirley: Color-Name Interference at Different Times of Day. Journal of Applied Psychology, 61:119-122, 1976.
487. Hartman, B.: Management of Irregular Rest and Activity. In Sleep, Wakefulness and Circadian Rhythm, AGARD Lecture Series No. 105, pp. 13-1 to 13-15, 1979.
488. Haske, R.: Das Verhalten der Tagesrhythmie von Korpertemperatur und Leistung nach zwe: Transatlantikflügen in Rascher Folge. Bonn-Bad Godesberg, West Germany: Deutsche Forschung und Versuchsantalt für Luft und Raumfahrt. Institut für Flugmedizin, Report No. DLR-FB 74-55, 1974.
489. Hauke, P., H. Kittler, and R. Moog: Interindividual Differences in Tolerance to Shift Work Related to Morningness-Eveningness. XIV International Conference of the International Society for Chronobiology (Abstract), Chronobiologica, 6:109, 1979.
490. Haus, E.: Pharmacological and Toxicological Correlates of Circadian Synchronization and Desynchronization. In P. Rentos and R. Shepard (Eds.), Shift Work and Health: A Symposium. Washington: U.S. Department of Health Education and Welfare (NIOSH), pp. 87-117, 1976.
491. Haus, E., F. Halberg, W. Nelson, and D. Hillman: Shifts and Drifts in Phase of Human Circadian System Following Intercontinental Flights and in Isolation (Abstract 43). Federation Proceedings, 27:224, 1968.
492. Haus, E., L. Sackett, M. Haus, J. Swoyer, W. Babb, and E. Bixby: Cardiovascular and Temperature Adaptation to Phase Shift by Intercontinental Flights - Longitudinal Observations. In A. Reinberg, N. Vieux, and P. Andlauer (Eds.), Night and Shift Work: Biological and Social Aspects. New York: Pergamon Press, pp. 375-390, 1981.
493. Hauty, C.: Individual Differences in Phase Shifts of the Human Circadian System and Performance Deficits. Life Sciences and Space Research, V, 135-147, 1967.
494. Hauty, C., and T. Adams: Phase Shifts of the Human Circadian System and Performance Deficit During the Periods of Transistion. I. East-West Flight. Aerospace Medicine, 37:668-674, 1966.
495. Hauty, C., and T. Adams: Phase Shifts of the Human Circadian System and

- Performance Deficit During the Periods of Transistion. II. West-East Flight. Aerospace Medicine, 37:1027-1033, 1966.
496. Hauty, C., and T. Adams: Phase Shifts of the Human Circadian System and Performance Deficit During the Periods of Transistion. III. North-South Flight. Aerospace Medicine, 37:1257-1262, 1966.
 497. Hauty, C., D. Trites, and W. Berkley: Frequency of Shift Rotation at Air Traffic Control Facilities and Incidence of Stress-Related Symptoms. Aerospace Medicine, 36:350-356, 1965.
 498. Hawkins, F.: Sleep and Body Rhythm Disturbance in Long Range Aviation. The Problem and a Search for Relief. Dutch Air Line Pilots Association, Amstelveen, No. N80-14714, Sept., 1978.
 499. Hawkins, L.: Circadian Rhythms and Shiftworking - I. Occupational Health, 32:14-18, 1980.
 500. Hawkins, L.: Circadian Rhythms and Shiftworking - II. Occupational Health, 32:86-90, 1980.
 501. Hawkins, L., and C. Armstrong-Esther: Circadian Rhythms and Night Shift Work in Nurses. Nursing Times, 74:49-52, 1978.
 502. Healy, W.: Shift Scheduling Made Easy. Electrical Review, Factory (New York), 117:87-91, 1959.
 503. Heckman, C.: Adaptation and Re-Synchronization. In G. Hildebrandt and H. Hensel (Eds.), Biological Adaptation. New York: Thieme-Stratton, Inc., pp. 40-51, 1982.
 504. Hedges, J., and E. Sekscenski: Workers on Late Shifts in a Changing Economy. Monthly Labor Review, 102:14-22, 1979.
 505. Hellbrugge, T., and J. Rutenfranz: Schichtunterricht und Leistungsbereitschaft. (Instruction in Different Shifts and Readiness for Work). Munchener Medizinische Wochenschrift, 98:1713-1718, 1956.
 506. Herrman, H.: Medical Aspects of Shiftwork. Zentrabl. Arbeitsmed Arbeitsschntz, 32:64-67, 1982.
 507. Hetherington, N., L. Rosenblatt, E. Higgins, C. Winset: Quantification of the Rates of Resynchronization of Heart Rate with Body Temperature Rhythms in Man Following a Photo Period Shift. In Preprints of XXI International Congress on Aviation and Space Medicine, Munich, West Germany, pp. 225-226, 1973.
 508. Hettinger, T., J. Rutenfranz, R. Singer, and E. Schmitz. Beurteilung der Schichtarbeit durch Schichtarbeiter. In J. Rutenfranz and R. Singer (Eds.), Akuelle Probleme der Arbeitsumwelt, Schriftenreihe Arbeitsmedizin Sozialmedizin Arbeitshygiene. Stuttgart: Gentner, Vol. 38, pp. 81-86, 1971.
 509. Hibler, N.: The Effects of Stress on State Anxiety in Air Traffic Controllers.

510. Higgins, E., W. Chiles, J. McKenzie, P. Iampietro, C. Winget, G. Funkhouser, M. Burr, J. Vaughan, and A. Jennings: The Effects of a 12-Hour Shift in the Wake-Sleep Cycle on Physiological and Biochemical Responses and on Multiple Task Performance. Office of Aviation Medicine Report, FAA-AM-75-10, 1975.
511. Hildebrandt, G.: Vegetative einflüsse auf das leistungsverhalten. Wechselbeziehungen zwischen vegetativem system und den belastungen des Betriebsdienstes. (Influence of the Vegetative System on Performance). Arbeitsmedizin-Sozialmedizin-Präventivmedizin, 15:97-107, 1980.
512. Hildebrandt, G., and I. Stratmann: Circadian System Response to Night Work in Relation to the Individual Circadian Phase Position. International Archives of Occupational and Environmental Health, 43:73-83, 1979.
513. Hildebrandt, G., W. Rohmert, and J. Rutenfranz: The Influence of Fatigue and Rest Period on the Circadian Variation of Error Frequency in Shift Workers (engine drivers). In P. Colquhoun, S. Folkard, P. Knauth and J. Rutenfranz (Eds.), Experimental Studies of Shift Work. Opladen: Westdeutscher Verlag, pp. 174-187, 1975.
514. Hildebrandt, G., W. Rohmert, and J. Rutenfranz: 12 and 24H Rhythms in Error Frequency of Locomotive Drivers and the Influence of Tiredness. International Journal of Chronobiology, 2:175-180, 1974.
515. Hildebrandt, W.: Untersuchung zur Berücksichtigung den Menschlichen Tagesrhythmisch durch eric Variable Arbeitszeitregelung. Doctoral Thesis, Fakultät für Maschinenwesen, Aachen: Rheinisch-Westfälische Technische Hochschule, 1972.
516. Hirsch, T.: Biorhythm-or, is it a Critical Day? National Safety News, 113:41-44, 1976.
517. Hockey, G., and W. Colquhoun: Diurnal Variation in Human Performance: A Review. In W. Colquhoun (Ed.), Aspects of Human Efficiency. London: English University Press, pp. 1-23, 1972.
518. Hogg, W.: Shiftwork, a Hazard to Health? Medical Bulletin (New York, Standard Oil Co.), 1961, pp. 2-21.
519. Hogger, D.: Nachtarbeit und Leistung. Schweizerische Medizinische Wochenschrift, 88:408-410, 1958.
520. Hogger, D.: Die Bedeutung der Früh-resp. Schichtarbeit für die Gesundheit der Backer. Zeitschrift für Präventivmedizin, 3:326, 1958.
521. Holly, D., C. Winger, C. DeRoshia, M. Heingold, D. Edgar, N. Kinney, S. Langston, C. Markley, and J. Anthony: Effects of Circadian Rhythm Phase Alteration on Physiological and Psychological Variables: Implications to Pilot Performance (Including a Partially Annotated Bibliography). NASA No. NASA-TM-81277; A-8515, March, 1981.

522. Hook, G.: Shift and Night Work. Inform. F. D. Wersarzt (Homberg), 7:142-148, 1960.
523. Hoolwerf, G., H. Thierry, and P. Drenth: Ploegenarbeid: Een Bedrijfs Psychologisch Onderzoek. Amsterdam: Vrije Universiteit, 1974.
524. Hopkin, D.: Sleep and Work-Rest Cycles. The Controller, 21(4th Quarter):44&46, 1982.
525. Hopkin, V.: Work-Rest Cycles in Air Traffic Control Tasks. In A. Benson (Ed.), Rest and Activity Cycles for the Maintenance of Efficiency of Personnel Connected with Military Flight Operations. AGARD Report No. AGARD-CP-74-70, pp. 10-1 to 10-9, 1970.
526. Horne, J. and O. Ostbers: A Self Assessment Questionnaire to Determine Morningness and Eveningness on Human Circadian Rhythms. International Journal of Chronobiology, 4:97-110, 1976.
527. Hrimiuc, V., V. Paraschiv, and T. Pirozynski: Variations in the Level of Aptitudes During a Work Shift, in Neurotic States. Neurologie, (Romania) 25:291-294, 1980.
528. Hughes, D., and S. Folkard: Adaptation to an 8-Hour Shift in Living Routine by Members of a Socially Isolated Community. Nature, 264:432-434, 1976.
529. Hume, D., and J. Mills: REM Sleep During Simulated Circumglobal Flight, Proceedings of the Physiological Society, Journal of Physiology, 271:52p-53p, 1977.
530. Hume, K.: Sleep Adaptation After Phase Shifts of the Sleep-Wakefulness Rhythm in Man. Sleep 1980, 2:417-435, 1980.
531. Hume, K., and J. Mills: Rhythms of REM and Slow-Wave Sleep in Subjects Living on Abnormal Time Schedules. Waking and Sleeping, 1:291-296, 1977.
532. Hurrell, J., and W. Kroes: Job Stress and the Police Officer: Identifying Stress Reduction Techniques. Washington: U.S. Department of Health, Education and Welfare, 1975.
533. Hurrell, J., and W. Kroes: Stress Awareness. In. Job Stress and the Police Officer: Identifying Stress Reduction Techniques. Proceedings of a Symposium, Cincinnati, Ohio, U.S. Department of Health, Education and Welfare, pp. 234-244, 1975.
534. Ilmarinen, J., F. Klimt, and J. Rutenfranz: Circadian Variations of Maximal Aerobic Power. In P. Colquhoun, S. Folkard, P. Knauth, and J. Rutenfranz (Eds.), Experimental Studies of Shiftwork. Opladen: Westdeutscher Verlag, pp. 265-272, 1975.
535. Ilmarinen, J., R. Ilmarinen, O. Korhonen, and M. Nurminen: Circadian Variation of Physiological Functions and Their Relation to Oral Temperature. In A. Reinberg, N. Vieux, and P. Andlauer (Eds.), Night and Shift Work: Biological

and Social Aspects. New York: Pergamon Press, pp. 91-98, 1981.

536. Ilmarinen, J., R. Ilmarinen, C. Korhonen, and M. Nurminen: Circadian Variation of Physiological Functions Related to Physical Work Capacity. Scandinavian Journal of Work and Environmental Health, 6:112-122, 1980.
537. ILO: Bibliography on Shift Work and Night Work. Paper presented at the Symposium on Arrangement of Working Time and Social Problems Connected with Shift Work in Industrialised Countries, Geneva, Doc. No. ILO-SWTSW/1977/VII, 1977.
538. ILO: General Problems of Hours of Work in the Chemical Industries: With Particular Reference to a Comparison of Day Work and Shift Work. Geneva, International Labour Office Report III, 1952.
539. ILO: Information Note on ILO Objectives in the Field of Arrangement of Working Time and Shift Work. From the Symposium on Arrangement of Working Time and Social Problems Connected with Shift Work in Industrialised Countries. Doc. No. ILO-SWTSW/1977/V, Geneva, 1977.
540. ILO: Management of Working Time in Industrialised Countries: Main Documents of an ILO Symposium on Arrangement of Working Time and Social Problems Connected with Shift Work in Industrialised Countries, Geneva, 1978.
541. ILO: Principles and Methods for Determining Extra Rates for Shift Work and Overtime in the Chemical Industries. 6th Session, Geneva, International Labour Office Report III, 1962.
542. ILO: Shift Work and ILO. General Conditions of Work. International Labour Organisation, General Conditions of Work Series No. 2, London, 1967.
543. ILO: Social Problems and Shift Work. Conference paper from the Symposium on Arrangement of Working Time and Social Problems Connected with Shift Work in Industrialised Countries, Doc. No. ILO-SWTSW/1977 II, Geneva, 1977.
544. ILO: Symposium on Arrangement of Working Time and Social Problems Connected with Shift Work in Industrialised Countries, Geneva, 3-11 May, Doc. No. ILO-SWTSW/1977/X, 1977.
545. Incomes Data Services Ltd.: Guide to Shiftwork. London: Unwine Brothers, Incomes Data Services, 1979.
546. Incomes Data Services Ltd.: Shiftwork (5) Study. Incomes Data Services Ltd., London, No. 44, 48, 65, 110, and 151, 1977.
547. Industrial Society: Survey of Shift Working Practices. Information Survey and Report Series, No. 194, Industrial Society, London, 1975.
548. Industrial Welfare Society: Shift Work in Offices. Information Survey and Report Series, No. 126, Industrial Welfare Society, London, 1965.
549. International Society for Chronobiology: XIV International Conference of the International Society for Chronobiology. Chronobiologia, 6:69-186, 1979.

550. Iwema, R., and L. Hoffman: Macro-Economische Consequenties van Ploegenarbeid. Stichting Het Nederlands Economisch Institute, Rotterdam, 1974.
551. Jacquis, H.: Travail poste et fatigue. Archives des Maladies Professionnelles, 24:193-196, 1963.
552. Jamal, M.: Shift Work Related to Job Attitudes, Social Participation and Withdrawal Behavior: A Study of Nurses and Industrial Workers. Personnel Psychology, 34:535-547, 1981.
553. Jardillier, P. Etude de 14 facteurs influants sur l'absenteisme industrielle. Le Travail Humain, 25:107-116, 1962.
554. Jenkins, B.: The 3x2x2 Shift System. Industrial Welfare Society, London, Paper 5, No. 112, 1963.
555. Jindrichova, J.: Moznosti Stridani Smen v Trismennem Provozu Pri Zkracene Pracovni Dobe. (The Possibility of Rotating Shifts in a 3-Shift System with Reduced Working Hours). Pracovni Lekarstvi (Prague), 12:500-504, 1960.
556. Johannessen, E.: Brief Comments on Arrangement of Working Time and Problems Related to Shift Work in the United States of America. Paper presented at the ILO Symposium on Arrangement of Working Time and Social Problems Connected with Shift Work in Industrialized Countries, Geneva, 1977.
557. Johansson, H.: Rapport om skiftarbete: mindre besvar genom kortare eller fasta skift. Vardfacket, 3:40-41, 1979.
558. Johnson, A., and J. Froberg: Work Schedules and Biological Clocks. Ambio, 4:46-50, 1975.
559. Johnson, L.: On Varying Work/Sleep Schedules: Issues and Perspectives as Seen by a Sleep Researcher. In L. Johnson, D. Tepas, W. Colquhoun, and M. Colligan (Eds.), Biological Rhythms, Sleep and Shift Work. New York: SP Medical and Scientific Books, pp. 335-346, 1981.
560. Johnson, L., P. Naitoh, J. Moses, and A. Lubin: Variations in Sleep Schedule. Waking and Sleeping, 1:133-137, 1977.
561. Johnson, L., D. Tepas, W. Colquhoun, and M. Colligan (Eds.): Biological Rhythms, Sleep and Shift Work. New York: SP Medical and Scientific Books, 1981.
562. Jones, B.: The Economic Aspects of Shiftwork. Industrial Welfare Society, Information Survey and Report Series, No. 112, London, 1963.
563. Juin, G.: Les decalages horaires (leurs aspects et leurs consequences dans l'aviation commerciale). Archives des Maladies Professionnelles, 24:113-117, 1963.
564. Juin, G., and P. Pinneau: Fatigue in Intercontinental Jet Service Crews (Abstract). Aerospace Medicine, 33:340-341, 1962.

565. Juttner, E.: Die Erkrankungs-und Unfallhaufigkeit der Frau in Abhangigkeit von Alter, Dauer der Betriebszugehorigkeit, der Schichtzugehorigkeit und der Entfernung zwischen. (Diseases and Accident Incidence in Women Depending on Age, Length of Employment, Shift and Distance Between Home and Employment Site). Zeitschrift fur die Gesamte Hygiene und Ihre Grenzgebiete, 16:552-557, 1970.
566. Kabaj, M.: Searching for an Optimum Shift Work Pattern. Paper presented at the Symposium on Arrangement of Working Time and Social Problems Connected with Shift Work in Industrialised Countries. Geneva, Doc. No. ILO-SWTSW/1977/D.7, 1977.
567. Kabaj, M.: Shift Work and Employment Expansion. International Labour Review (Geneva), 91:47-62, 1965.
568. Kabaj, M.: Shift Work and Employment Expansion: Towards an Optimum Pattern. International Labour Review (Geneva), 98:245-274, 1968.
569. Kabaj, M.: Social Aspects of Shift and Night Work in Developing Countries: A Framework for Action-Oriented Research. ILO, Geneva, 1977.
570. Kabaj, M.: Utilisation of Industrial Capacity Shift Work and Employment Promotion in Developing Countries. ILO, Geneva, Doc. No. ILO-WEP 2-24/WP, 1978.
571. Kamimura, K., and A. Endo: Diurnal Rhythms of Body Temperature in Shift Workers (English Summary). Japanese Journal of Hygiene, 24:497-501, 1970.
572. Kammonen, O.: A Study of Shift Work at Helsinki Electricity Works: Adaptability to Shift Work. Studia Laboria et Salutis, 11:38-41, 1972.
573. Kapoor, T., J. Mohan, and A. Chander: An Experimental Study of Motivational Determinants of Fatigue. Psychological Studies, 24:12-23, 1979.
574. Kelber, E.: Zum Problem der Schlafstörung als Folge der Wechselschicht arbeit. Arztliche Praxis, 8:12, 1956.
575. Kerkhof, G., H. Korving, H. Willemse-v.d. Geest, and W. Rietveld: Diurnal Differences Between Morning-Type and Evening-Type Subjects in Self Rated Alertness, Body Temperature and the Visual and Auditory Evoked Potential. Neuroscience Letters, 16:11-15, 1980.
576. Kerkhof, G., H. Willemse-v.d. Geest, H. Korving, and W. Rietveld: Diurnal Differences Between Morning-Type and Evening-Type Subjects in Some Indices of Central and Autonomous Nervous Activity. In A. Reinberg, N. Vieux, and P. Andlauer (Eds.), Night and Shift Work: Biological and Social Aspects. New York: Pergamon Press, pp. 457-464, 1981.
577. Khaleque, A., and P. Verhaegen: Circadian Effects in Short-Cycle Repetitive Work in a Two-Shift System. In A. Reinberg, N. Vieux, and P. Andlauer (Eds.), Night and Shift Work: Biological and Social Aspects. New York: Pergamon Press, pp. 409-416, 1981.
578. Khoe, W.: Treatment of Jet Lag Syndrome by Acupuncture. American Journal of Acupuncture, 6:135-157, 1978.

579. Kiesswetter, E., P. Knauth, R. Weier, W. Theissen, and J. Rutenfranz: Reentrainment of Rectal Temperature and Heart Frequency During Days with Experimental Night Shifts and Morning and Afternoon Sleep. In A. Reinberg, N. Vieux, and P. Andlauer (Eds), Night and Shift Work: Biological and Social Aspects. New York: Pergamon Press, pp. 99-106, 1981.
580. Kishida, K., M. Saito, and T. Hasegawa: Subsidiary Behaviors of Bottle Inspection Workers in a Three Shift System. Presented at the 8th Congress of the International Ergonomics Association, Tokyo, 1982 (Abstract), Ergonomics, 25:511, 1982.
581. Kjellandes, C.: Shiftgang Vallar Problem: Stersatsning pa utbildning. Lakartioningen, 72:3632-3634, 1975.
582. Klein, K.: The Resynchronization of Dian Performance Rhythms Following Transmeridian Flights--Observed in Two groups of Students. Aktnelle Forschungsarile, aus dem Institute fuer, Flugmedizine, pp. 117-132, 1973. (English translation-Paris, European Spare Agency. In: Current Research Work at the Institute for Aerospace Medicine, pp. 123-139, 1974.)
583. Klein, K., and H. Wegmann: Circadian Rhythms in Air Operations. In AGARD Lecture Series No. 105, Sleep, Wakefulness and Circadian Rhythm, pp. 10-1 to 10-25, 1979.
584. Klein, K., and H. Wegmann: Circadian Rhythms of Human Performance and Resistance: Operational Aspects. In, AGARD Lecture Series No. 105, Sleep, Wakefulness and Circadian Rhythm, pp. 2-1 to 2-17, 1979.
585. Klein, K., and H. Wegmann: Das Verhalten des menschlichen Organismus beim Langstreckenflug uben mehrere Zeitzoner. Der Kassenarzt, 23:4280-4290, 1977.
586. Klein, K., and H. Wegmann: Das Verhalten des menschlichen Organismus beim Zeitzonenflug. I. Die circadiane Rhythmik und ihre Desynchronisation. Fortschritte der Medizin, 93:1407-1414, 1975.
587. Klein, K., and H. Wegmann: Das Verhalten des menschlichen Organismus beim Zeitzonenflug. II. Die Folgen der Desynchronisation. Fortschritte der Medizin, 93:1497-1507, 1975.
588. Klein, K., and H. Wegmann: Die Resynchronisation dianer Leistungsrhythmen nach transmeridianen Flugen. Bon-Bad Godesberg, West Germany: Deutsche Forschungs-und Versuchsansfalt fuer Luft-und Raumfart, Institute fur Flugmedizin, No. DLR-FB 73-15:117-132, 1973 (Translated to English by European Space Research Organization, ERSO-TT-35, pp. 123-139, 1974).
589. Klein, K., and M. Wegmann: Significance of Circadian Rhythms in Aerospace Operations. AGARD Report No. AGARD-AG-247, December, 1980.
590. Klein, K., and H. Wegmann: The Resynchronization of Human Circadian Rhythms After Transmeridian Flights as a Result of Flight Direction and Mode of Activity. In L. Scheving, F. Halberg, and J. Pauly (Eds.), Chronobiologia, Tokyo: Igaku Shion Ltd., pp. 564-570, 1974.

591. Klein, K., H. Bruner, and S. Ruff: Untersuchungen zur Belastung des Bordpersonals auf Fernflügen mit Düsenmaschinen. (Investigation Regarding Stress on Flying Personnel in Long Distance Jet Flights). Zeitschrift Flugwissenschaften, 14:109-121, 1966.
592. Klein, K., H. Wegmann, and B. Hunt: Desynchronization of Body Temperature and Performance Circadian Rhythms as a Result of Outgoing and Homegoing Transmeridian Flights. Aerospace Medicine, 43:119-132, 1972.
593. Klein, K., H. Bruner, D. Jovy, and H. Weggman: Circadian Desynchronization in Performance Efficiency Following Transmeridian Flights. Second ICRI Symposium on Interdisciplinary Cycle Research, Noordwijk, The Netherlands, 1970.
594. Klein, K., R. Herrmann, P. Kuklinski, and H. Wegmann: Circadian Performance Rhythms: Experimental Studies in Air Operations. In R. Mackie (Ed.), Vigilance: Theory, Operational Performance, and Physiological Correlates. New York: Plenum Press, pp. 111-132, 1977.
595. Klein, K., J. Vernikos, H. Wegmann, and C. Winget: The Effects of Transmeridian Flight on Human Performance and Physiological Rhythms. DFVCR Aerospace Medical Institute Report, NASA-Aero Research Center, Moffett Field, CA., 1977.
596. Klein, K., H. Wegmann, G. Athanassenas, and P. Kuklinski: Air Operations and Circadian Performance Rhythms. In Higher Mental Functioning in Operational Environments. AGARD Report No. AGARD-CP-181, pp. c5-1 to c5-8, 1976.
597. Klein, K., H. Wegmann, G. Athanassenas, H. Hohlweck, and P. Kuklinski: Air Operations and Circadian Performance Rhythms. Aviation, Space, and Environmental Medicine, 47:221-230, 1976.
598. Klein, K., H. Bruner, E. Gunther, D. Jovy, J. Mertens, A. Rimpler, and H. Weggmann: Psychological and Physiological Changes Caused by Desynchronization Following Transzonal Air Travel. In W. Colquhoun (Ed.), Aspects of Human Efficiency. London: English U. Press, Ltd., pp. 295-305, 1972.
599. Klein, K., H. Bruner, H. Holtmann, H. Rehme, J. Stolz, W. Steinhoff, and H. Wegmann: Circadian Rhythm of Pilots' Efficiency and Effects of Multiple Time Zone Travel. Aerospace Medicine, 41:125-132, 1970.
600. Klein, K., H. Bruner, H. Holtmann, H. Rehme, J. Stolz, W. Steinhoff, and H. Wegmann: Circadian Rhythms of Pilots Performance in a Flight Simulator and Effects of Time Shift. NATO AGARD Conference Proceedings No. 61, pp. 27-1 to 27-11, 1970.
601. Kleitman, N., and D. Jackson: Body Temperature and Performance Under Different Routines. Journal of Applied Physiology, 3:309-328, 1950.
602. Kleitman, N., and D. Jackson: Variations in Body Temperature and in Performance Under Different Watch Schedules. Navy Medical Research Institute, Project NM 004 005 .01 .02, Navy Medical Research Center, Bethesda, Maryland, 1950.

603. Kluth, H.: Soziologische Aspekte der Arbeitszeit. Zentralblatt Arbeitswiss, 11:135, 1957.
604. Knauth, P.: Kriterien für die Beurteilung verschiedener Schichtwechselformen. Dissertation. (Criteria for Classification of Different Forms of Shift Change). Institute für Arbeitswissenschaft der Technischen Hochschule, Darmstadt, 1975. Summary in Zeitschrift für Arbeitswissenschaft, 29:233, 1975.
605. Knauth, P., and J. Ilmarinen: Continuous Measurement of Body Temperature During a Three-Week Experiment with Inverted Working and Sleeping Hours. In W. Colquhoun, S. Folkard, P. Knauth, and J. Rutenfranz (Eds.), Experimental Studies of Shift Work. Opladen: Westdeutscher Verlag, pp. 66-73, 1975.
606. Knauth, P., and J. Rutenfranz: Arbeitsphysiologische und arbeitspsychologische Hinweise Gestaltung von Schichtplanen. (Physiological and Psychological Recommendations for Planning Shiftwork). Arbeitsmedizin-Sozialmedizin-Präventivmedizin, 10:197-200, 1975.
607. Knauth, P., and J. Rutenfranz: Duration of Sleep Related to the Type of Shift Work. In A. Reinberg, N. Vieux, and P. Andlauer (Eds.), Night and Shift Work: Biological and Social Aspects. New York: Pergamon Press, pp. 161-168, 1981.
608. Knauth, P., and J. Rutenfranz: Experimental Shift Work Studies of Permanent Night and Rapidly Rotating Shift Systems. I: Circadian Rhythm of Body Temperature and Re-Entrainment at Shift Change. International Archives of Occupational and Environmental Health, 37:125-137, 1976.
609. Knauth, P., and J. Rutenfranz: Experimental Studies on Slowly and Swiftly Rotating Shifts. 17th International Congress on Occupational Health, Brighton, England, 1975.
610. Knauth, P., and J. Rutenfranz: The Effects of Noise on the Sleep of Nightworkers. In W. Colquhoun, S. Folkard, P. Knauth, and J. Rutenfranz (Eds.), Experimental Studies of Shift Work. Opladen: Westdeutscher Verlag, pp. 57-65, 1975.
611. Knauth, P., and J. Rutenfranz: Untersuchungen über die Beziehungen zwischen Schichtform und Tagesaufteilung. Internationales Archiv für Arbeitsmedizin, 30:173-191, 1972.
612. Knauth, P., and J. Rutenfranz: Untersuchungen zum Problem des Schlafverhaltens bei experimenteller Schichtarbeit. (Investigation of the Problems of Sleep During Experimental Shiftwork). International Archives of Occupational Health, 30:1-22, 1972.
613. Knauth, P., W. Rohmert, and J. Rutenfranz: Systematic Selection of Shift Plans for Continuous Production with the Aid of Work-Physiological Criteria. Applied Ergonomics, 10(1):9-15, 1979.
614. Knauth, P., J. Rutenfranz, G. Herrmann, and S. Poepl: Re-Entrainment of Body Temperature in Experimental Shift-Work Studies. Ergonomics, 21:775-783, 1978.

615. Knauth, P., E. Kiesswetter, S. Bruder, H. Romberg and J. Rutenfranz: Day Sleep During the Morning and During the Afternoon Between Experimental Night Shifts. In Sleep 1980 Circadian Rhythms, Dreams, Noise, and Sleep, Neurophysiology, Therapy. W. Koella (Ed.), BASEL: S. Karger AG, pp. 198-202, 1981.
616. Knauth, P., R. Romahn, W. Kuhlmann, F. Klimmer, and J. Rutenfranz: Analyse der vertielung verschiedener Tageselemente bei kontinuierlicher Arbeitsweise mit Hilfe von "Time-Budget-Studies." In F. Nachreiner, et al. (Eds.), Schichtarbeit bei Kontinuierlicher Produktion. Wilhelmshaven: Wirtschaftsverlag Nordwest, pp. 17-82, 1975.
617. Knauth, P., K. Landau, C. Droge, M. Schwitteck, M. Widynski, and J. Rutenfranz: Duration of Sleep Depending on the Type of Shift Work. Internal Archives of Occupational and Environmental Health, 46:167-177, 1980.
618. Knauth, P., J. Rutenfranz, H. Schulz, S. Bruder, H. Romberg, F. Decoster, and E. Kiesswetter: Experimental Shift Work Studies of Permanent Night, and Rapidly Rotating, Shift Systems. II. Behaviour of Various Characteristics of Sleep. International Archives of Occupational and Environmental Health, 46:111-125, 1980.
619. Knowles, J., J. Cairns and A. MacLean: Acute Shifts in the Sleep-Wakefulness Cycle: 1. Effects on Sleep (Abstract), Sleep Research, 7:158, 1978.
620. Koch, J.: The Change of Conditioned Orienting Reactions in 5-Month Old Infants through Phase Shift of Partial Biorhythms. Human Development, 11(2):124-137, 1968.
621. Kogi, K.: Changes in the Subjective Fatigue Scale Characteristic to the Post-Night-Shift Period. Presented at the 8th Congress of the International Ergonomics Association, Tokyo, 1982 (Abstract), Ergonomics, 25:512, 1982.
622. Kogi, K.: Comparison of Resting Conditions Between Various Shift Rotation Systems for Industrial Workers. In A. Reinberg, N. Vieux, and P. Andlauer (Eds.), Night and Shift Work: Biological and Social Aspects. New York: Pergamon Press, pp. 417-424, 1981.
623. Kogi, K.: Estimation of Sleep Deficit During a Period of Shift Rotation as a Basis for Evaluating Various Shift Systems. 4th International Symposium on Night and Shift Work, (Abstract), Ergonomics, 21:873, 1978.
624. Kogi, K.: Research Motives and Methods in Field Approaches to Shift Work. In L. Johnson, D. Tepas, W. Colquhoun, and M. Colligan (Eds.), Biological Rhythms, Sleep and Shift Work. New York: SP Medical and Scientific Books, pp. 205-224, 1981.
625. Kogi, K.: Shift Work in Developing Economies. Philippine National Tripartite Conference on Improving Working Conditions and Environment (Manilla), Working Document No. 8 (Doc. No. ILO-PNTC/1977/D.8), 1977.
626. Kogi, K.: Social Aspects of Shift Work in Japan. International Labor Review (Geneva), 104:415-433, 1971.

627. Kogi, K., and Y. Saito: Section 3: Assessment Criteria for Mental Fatigue. A Factor-Analytic Study of Phase Discrimination in Mental Fatigue. Ergonomics, 14:119-127, 1971.
628. Kogi, K., K. Hashimoto, and Y. Saito: Consecutive Night Duties and Their Effects on Control Task. XVI International Congress on Occupational Health, Tokyo, 1969.
629. Kogi, K., M. Takahashi and N. Onishi: Experimental Evaluation of Frequent Eight-Hour Versus Less Frequent Longer Night Shifts. In W. Colquhoun, S. Folkard, P. Knauth, and J. Rutenfranz (Eds.), Experimental Studies of Shift Work. Opladen: Westdeutscher Verlag, pp. 103-112, 1975.
630. Kojima, A., and Y. Niiyama: Diurnal Variations of 17-Ketogenic Steroid and Catecholamine Excretion in Adolescent and Middle-Aged Shift Workers with Special Reference to Adaptability to Night Work. Industrial Health (Kawasaki), 3:9-19, 1965.
631. Koller, M., and M. Haider: Psychosocial Problems and Psychosomatic Symptoms of Night and Shiftworkers. Activitas Nervosa, Suppl., 2, pp. 437+, 1977.
632. Koller, M., M. Kundi, and R. Cervinka: Field Studies of Shift Work at an Austrian Oil Refinery. I: Health and Psychosocial Wellbeing of Workers who Drop Out of Shiftwork. Ergonomics, 21:835-847, 1978.
633. Koller, M., M. Haider, M. Kundi, R. Cervinka, H. Katschnig, and B. Kufferle: Possible Relations of Irregular Working Hours to Psychiatric and Psychosomatic Disorders. In A. Reinberg, N. Vieux, and P. Andlauer (Eds.), Night and Shift Work: Biological and Social Aspects. New York: Pergamon Press, pp. 465-472, 1981.
634. Kolmodin-Hedman, B., and A. Swensson: Problems Related to Shift Work-A Field Study of Swedish Railroad Workers with Irregular Work Hours. Scandinavian Journal of Work, Environment, and Health, 1:254-262, 1975.
635. Komoike, Y.: Analyses of Three-Shift Workers' Replies Given to Questionnaires About the Taste of Factory-Provided Food. Sumitomo Bull Ind Health, 15:54-57, 1979.
636. Kondo, T., T. Okubo, M. Aoki, and Y. Horie: A Case Study of Work Burden of Shift Workers. Presented at the 8th Congress of the International Ergonomics Association, Tokyo, 1982 (Abstract), Ergonomics, 25:512, 1982.
637. Konkoly Thege, A.: L'importance du travail au point de vue du developement des affections et de l'ulcere d'estomac des mineurs. Archives des Maladies Professionnelles, 24:133-134, 1963.
638. Kononenko, A., and V. Derkac: Research in Vigilance and Short-Time Memory of Data Processing Center Operators Working the 3-Shift 8-Hour System, (Russian). Gigiena I Sanitarija, 8:102-104, 1975.
639. Kopozy'nska, B., L. Narojek, E. Albinowska, E. Swiechowska J.

- Wojtczak-Jaraszowa, E. Kochman and A. Tucholka: Dietary Patterns of Workers Employed in a 3-Shift system. Medycyna Pracy, 29:173-183, 1978.
640. Koracevic-Ristanovic, R., J. Spike, E. Van Cauter, D. Desir, C. Jadot and P. Noel: Time Shift (Jet Lag) and Sleep. (Abstract) Sleep Research, 7:306, 1973.
 641. Koreshkov, A.: The dynamics of ECG changes caused by altered Work-Rest Patterns. Preprints, XXI International Congress of Aviation and Space Medicine, Munich, p. 83, 1973.
 642. Krause-Liebscher, I.: Zagudnienia Sprawnosci Narzadu Wzroku przy pracy na zmiany I pracy nocnej. (Problems of Efficiency of the Visual System by Night- and Turn-Work). Klinka Oczna, 38:61-66, 1968.
 643. Krell, U.: Arbeitswissenschaftliche Beurteilung Von Schicht-Und Nachtarbeit. (Evaluation of Shift- And Night-Work From the Viewpoint of Occupational Research). Zentralblatt fur Arbeitsmedizin Arbeitsschutz und Prophylaxe, 30:148-159, 1980.
 644. Kripke, D., B. Cook, and O. Lewis: Sleep of Night Workers: EEG Recordings. Psychophysiology, 7:377-384, 1971.
 645. Kristoffersen, M.: Psykkologiske undersokelser av rundskiftarbeidere. Nordisk Psykologi, 5:187, 1953.
 646. Krivohlavy, J., V. Kodat, and P. Cizek: Visual Efficiency and Fatigue During the Afternoon Shift. Ergonomics, 12:735-740, 1969.
 647. Kroes, W.: Society's Victim - The Policeman: An Analysis of Job Stress in Policing. Springfield, Illinois: Charles C. Thomas, 1977.
 648. Kroes, W., B. Margolis, and J. Hurrell: Job Stress in Policemen. Journal of Police Science and Administration, 2(2):145-155, 1974.
 649. Kuklinski, P., K. Klein, and H. Wegmann: Untersuchungen zum Problem de circadianen Rhythmusstorungen beim fliegenden Personal. Preprints, XXI International Congress of Aviation and Space Medicine, Munich, pp. 338-339, 1973.
 650. Kumashiro, M., K. Mikami, and K. Saito: Psychophysiological Effects of Shift Work in a Small Medium Sized Factory. Presented at the 8th Congress of the International Ergonomics Association, Tokyo, 1982 (Abstract), Ergonomics, 25:513, 1982.
 651. Kundi, M., M. Koller, R. Cervinka, and M. Haider: Consequences of Shiftwork as a Function of Age and Years on Shift. XIV International Conference of the International Society for Chronobiology (Abstract), Chronobiologia, 6:123, 1979.
 652. Kundi, M., M. Koller, R. Cervinka, and M. Haider: Job Satisfaction in Shift Workers and its Relation to Family Situation and Health. In A. Reinberg, N. Vieux, and P. Andlauer (Eds.), Night and Shift Work: Biological and Social Aspects. New York: Pergamon Press, pp. 237-243, 1981.
 653. Kuznetsov, O. and A. Litsov: Psychoneurological Problems in Man's Adaptation to

- Modified Diurnal Regimes. Kosmicheskaya Biologiya Meditsina, 7:69-75, 1973.
654. Lachmann, H.: Schichtarbeiter als Kurpatienten. Zeitschrift fuer Aerztliche Fortbildung, 56:1092-1096, 1962.
655. LaDou, J.: Circadian Rhythms and Athletic Performance. The Physician and Sportsmedicine, 7:6, 1979.
656. Lafontaine, E., J. Sirot, J. Pasquet, and J. Lavernhe: Influence des voyages aeriens est-ouest et vice versa sur les rythmes circadiens de la diurese et de l'elimination urinaire du sodium et du potassium. Revue de Medecine Aeronautique et Spatiale, 6(3):11-15, 1967.
657. Lafontaine, E., J. Lavernhe, J. Courillon, M. Medvedeff, and J. Ghata: Influence of Air Travel East-West and Vice-Versa on Circadian Rhythms of Urinary Elimination of Potassium and 17-Hydroxycorticosteroids. Aerospace Medicine, 38:944-947, 1967.
658. Lafontaine, E., J. Ghata, J. Laverhne, J. Courillon, G. Ballinger, and R. Laplane: Rythmes biologiques et decalages horaires: Etude experimentale au cours des vols longs-courriers. Le Concours Medical, 89:19-20, 3731-3746, and 3963-3976, 1967.
659. Lakatua, D.: Meal Timing Shifts Circadian Rhythms in Serum, Iron and Insulin but Not in Plasma Cortisol. Chronobiologia, Suppl. 1:39-40, 1975.
660. Landier, H., and N. Vieux: Le travail poste en question. Paris: Edition du Cerf, 1976.
661. Landry, R.: Off-Beat Rhythms and Biological Variables. Occupational Health Safety, 50(4):40-43, April 1981.
662. Landy, F., B. Rosenberg, and B. Sutton-Smith: The Effect of Limited Father Absence on Cognitive Development. Child Development, 40:941-944, 1969.
663. Larkcom, J.: The New Shift Workers, Practical Implications of Shift Working on Computers. Personnel Magazine, 24:16-17, 1965.
664. Larue, R., and G. Metzinger. Motivation of Maintenance Personnel to Work Particular Shifts. Ms Thesis, Air Force Institute of Technology, Wright-Patterson, AFB, Report No. SLSR 15-74A, 1974.
665. Lavernhe, J.: Efectos fisiopatologicos de los desajustes horarios en el personal navegante de la aviacion civil. (Physiopathological Effects of the Maladjusted Hourly Schedules in Air Travel Personnel of Civil Aviation). Revista Clinica Espanola, 119:517-524, 1970.
666. Lavernhe, J.: Les rythms circadiens des activites corticosurrenale et medullo-surrenale influence des declaye horaires. Paper Presented at the XVI International Congress of Aviation and Space Medicine. Cited in Revue de Medecine Aeronautique, 6:70, 1967.

667. Lavernhe, J.: Rythme de vie et changements rapides de fuseaux horaires au cours des voyages aeriens. La Presse Medicale, 72:2623-2626, 1964.
668. Lavernhe, J.: Wirkungen der Zeitverschiebung in der Luftfahrt auf das Flugpersonal. Munchener Medizinische Wochenschrift, 39:1746-1752, 1970.
669. Lavernhe, J., G. Ballanger, and J. Van Peteghem: Reactions subjectives et objectives aux ruptures des rythmes circadiens lors des vols long-courriers est-ouest et "vice versa". La Presse Medicale, 76:347-348, 1968.
670. Lavernhe, J., E. Lafontaine, and R. Laplane: Les effets subjectifs des decalages horaires (Une enquete aupres du personnel navigant d'Air France). (An Inquiry Among Flight Personnel of Air France). Revue de Medecine Aeronautique et Cosmoautique, 4:30-36, 1965.
671. Lavernhe, J., E. Lafontaine and J. Pasquet: Les reactions subjectives et objectives aux ruptures des rythmes circadiens lors des vols commerciaux Longs-Courriers est-ouest et "vice versa". (Subjective and Objective Responses to Disruptions in the Circadian Rhythms During Long Distance Commercial Flights East-West and Vice Versa). Revue de Medecine Aeronautique et Spatiale, 7:121-123, 1968.
672. Lecocq, J.: An sujet de quelques facteurs susceptibles d'influencer l'action pathologique des horaires de travail en equipes tournante 3x8. Archives des Maladies Professionnelles, 24:214-218, 1963.
673. Lees, R., C. Romeril, and L. Wetherall: A Study of Stress Indicators in Workers Exposed to Industrial Noise. Canadian Journal of Public Health, 71:261-265, 1980.
674. Leguern, L.: Le Travail en Equips 3-8. Le Medecine Usine, 19:747-752, 1957.
675. Lehman, G., and O. Graf: Arbeitsmedizinische und Arbeitsphysiologische Gedanken zum Problem der Arbeitszeit. Deutsche Medizinische Wochenschrift, 81:1777-1783, 1956.
676. Lehwiss-Litzmann, I.: Leistung und Zeitzoneflüge. Technisch-Oekonomische Informationen der Zivilen Luftfahrt, 10:50-54, 1974.
677. Lekhan, V.: Characteristics of Body Functioning While Performing Work of Varying Severity, Taking into Account its Shift. Fiziologicheskii Zhurnal, 20:553-555, 1974.
678. Lekhan, V.: Comparative Assessment of Physiological Functions in Female Workers Engaged in Different Shifts. Gigiena Truda: Professional'nye Zabolevaniya, 16:38-40, 1972.
679. Leonard, R.: Le travail de nuit et les horaires alternants. (Night Work and Rotating Shifts). Archives des Maladies Professionnelles, 40:919-926, 1979.
680. Leonard, R.: Night-and Shift-Work. In A. Reinberg, N. Vieux, and P. Andlauer (Eds.), Night and Shift Work: Biological and Social Aspects. New York: Pergamon Press, pp. 323-329, 1981.

681. Lersch, P., and E. Ulich: Schicht-und Nachtarbeit in Psychologischer Sicht. American Journal of Psychology, 71:123-135, 1958.
682. Lesniok, A., M. Bajdur and D. Sosnierz: Proba Oceny Rol: Niektorych czynnikow Epiopatogenetycznych choroby wrzodowej Zoladka I Dwunastnicy u Gornikow. (Role of Some Ethioopathogenetic Factors of Gastral and Duodenal Ulcers in Miners). Medycyna Pracy, 21:202-208, 1970.
683. Leuliet, S.: Douze annees de travail poste 3x8. Archives des Maladies Professionnelles, 24:164-171, 1963.
684. Levi, L.: Quality of the Working Environment: Protection and Promotion of Occupational Mental Health. Report from the Laboratory for Clinical Stress Research (Stockholm), Report No. 88, 1978.
685. Levine, H.: Health and Work Shifts. In P. Rentos and R. Shepard (Eds.) Shift Work and Health: A Symposium. Washington: U.S. Department of Health, Education and Welfare (NIOSH), pp. 57-69, 1976.
686. Levine, H., and F. Halberg: Circadian Rhythms of the Circulatory System. Literature Review, Computerized Case Study of Transmeridian Flight and Medication Effects on a Mildly Hypertensive Subject. USAF School of Aerospace Medicine Report No. SAM-JR-72-3, Brooks AFB, Texas, 1972.
687. Levine, H., F. Halberg, D. Hillman, R. Fanning, G. Cornelissen, and J. De Prins: Alteration of Circadian Core Temperature Rhythm Characteristics and Values Outside Habitual Idiochronodesm as a Result of Laryngitis and Transmeridian Flight. XIV International Conference of the Society for Chronobiology (Abstract), Chronobiologia, 6:127, 1979.
688. Levine, H., F. Halberg, R. Sothorn, F. Bartter, W. Meyer, and C. Delea: Circadian Phase-Shifting With and Without Geographic Displacement. In M. Ferin, F. Halberg, R. Richert, and R. van de Wiele (Eds.), Biorhythms and Human Reproduction. New York: John Wiley and Sons, pp. 557-573, 1974.
689. Lewis, P., and M. Lobban: Dissociation of Diurnal Rhythms in Human Subjects Living on Abnormal Time Routines. Quarterly Journal of Experimental Physiology and Cognate Medical Sciences, 42:311-326, 1975.
690. Lewis, P., and M. Lobban: The Effects of Prolonged Periods of Life on Abnormal Time Routines Upon Excretory Rhythms in Human Subjects. Quarterly Journal of Experimental Physiology and Cognate Medical Sciences, 42:356-371, 1975.
691. Lewis, S.: Sleep After Shift in Synchronizers. Preprint, XXI International Congress of Aviation and Space Medicine, Munich, p. 264, 1974.
692. Lewy, A., T. Wehr, and F. Goodwin: Sunlight and Artificial Light Have Different Effects on Melatonin Secretion in Humans. In A. Reinberg, N. Vieux, and P. Andlauer (Eds.), Night and Shift Work: Biological and Social Aspects. New York: Pergamon Press, pp. 107-108, 1981.
693. Lhomelet, M., D. Pallares, M. Estryn-Behar, B. Pissaro: Enquete sur les

relations entre les conditions de travail et l'equilibre nutritionnel dans une population de travailleuses hospitalieres. (Inquiries on the Relationships Between the Working Conditions and Nutrition Balance on a Hospital Staff (Women)). Cahiers de Nutrition et de Dietetique, 14:249-258, 1979.

694. Liden, L., and J. Wallander: Skiftarbete i Verkstadsindustrin: En Undersokning Rorande de Ekonomiska Forutsattningarna. (Shiftwork in the Mechanical Industries). Stockholm: Industrios Utrednings Institut (No. 16), 1959.
695. Lille, F.: Contraintes de sante dans le travail de nuit. (Health Impairment During Nightwork). Sozial und Praeventivmedizin, 25:392-396, 1980.
696. Lille, F.: Le sommeil de jour dun groupe de travailleurs de nuit. Le Travail Humain, 30:85-97, 1967.
697. Lille, F., and F. Cheliout: Variations in Diurnal and Nocturnal Waking State in Air Traffic Controllers. European Journal of Applied Physiology, 49(3):319-328, 1982.
698. Lille, F., D. Sens-Salis, P. Ullsperger, F. Cheliout, L. Borodulin, and Y. Burnod: Heart Rate Variations in Air Traffic Controllers During Day and Night Work. In A. Reinberg, N. Vieux, and P. Andlauer (Eds.), Night and Shift Work: Biological and Social Aspects. New York: Pergamon Press, pp. 391-397, 1981.
699. Litsov, A.: Characteristics of Sleep, Circadian Rhythm of Physiological Functions and Work Capacity of Man During the First Day After a Shift in the Sleep-Wakefulness Cycle. Kosmicheskaja Biologija i Aviakosmicheskaja Meditsina, 14:23-28, 1980.
700. Litsov, A.: Diurnal Rhythm of Human Physiological Functions and Performance in a Schedule with Frequent Alteration of Sleep and Wakefulness. Kosmicheskaja Biologija i Meditsina, 5:42-52, 1971.
701. Litsov, A.: Effects of Prolonged Undirectional Shifts of Sleeping-Waking Cycle on Physiological Functions, Mental Productivity and Sleep of Man. Kosmicheskaja Biologija i Aviakosmicheskaja Meditsina, 13:53-58, 1979.
702. Litsov, A.: Experimental Study of Diurnal Dynamics of Physiological Functions and Performance of Man During Normal and Altered Activity Cycle. Kosmicheskaja Biologija i Meditsina (Moscow), 3:59-66, 1969.
703. Litsov, A.: Experimental Study of Diurnal Rhythm of Human Physiological Functions and Performance Following a Shift of Sleep-Wakefulness Cycle. Environmental Space Research, 3:297, 1969.
704. Litsov, A.: On the Question of Dynamics of Electroencephalogram in the Case of Man During Sleep Under Common and Altered 24-Hour Regimes. Izvestiya Akademii Nauk SSR, Seriya Biologicheskaya, 4:521-529, 1970.
705. Litsov, A.: Sleep, Circadian Cycles of Physiological Functions and Parameters of Human Work Capacity on First Day After Changing From Altered to Usual Sleep-Waking Cycle, Kosm. Biol. Aviakosmicheskaya Med., 16:8-13, 1982. (English Translation

Avail NTIS)

706. Litsov, A., and I. Sarayaev: Effects of Unusual Work Rest Cycles and Sleep Deprivation on Man's Functional State and Work Capacity. Kosmicheskaya Biologiya i Aviakosmicheskaya Meditsina, 14:17-23, 1980.
707. Lobban, M.: Human Renal Rhythms in an Artic Mining Community. Proceedings of the Physiological Society, Journal of Physiology, 165:75p-76p, 1962.
708. Lobban, M.: Physiological Circadian Rhythms in Shift-Workers in the High Artic (Abstract). In P. Colquhoun, S. Folkard, P. Knauth, and J. Rutenfranz (Eds.), Experiment 1 Studies of Shiftwork. Opladen: Westdeutscher Verlag, pp. 166-167, 1975.
709. Lobban, M., and R. Nessling: 24 Hour Patterns of Renal Excretion in Full-and Part-Time Night Nurses. Proceedings of the Physiological Society, Journal of Physiology, 267:24p-25p, 1977.
710. Lobban, M., and B. Tredre: Daily Rhythms of Renal Excretion in Human Subjects with Irregular Hours of Work. Proceedings of the Physiological Society, Journal of Physiology, 186:139p-140p, 1966.
711. Lobban, M., S. Folkard, and T. Monk: Circadian Rhythms of Renal Excretion in Nurses on Night Duty. 4th International Symposium on Night and Shift Work (Abstract), Ergonomics, 21:865, 1978.
712. Lomonaco, T. Ritmi biologici: Minerva Med. 63:430-433, 1972.
713. Lortie, M., J. Foret, C. Teiger, and A. Laville: Circadian Rhythms and Behavior of Permanent Nightworkers. International Archives of Occupational and Environmental Health, 44:1-11, 1979.
714. Loskant, H.: Der Einfluss Verschiedener Schichtformen auf die Gesundheit und das Wohlbefinden des Wechselschichtarbeiters. (The Effect of Various Shift Systems on the Health and Wellbeing of Shift Workers). Zentralblatt fur Arbeitsmedizin und Arbeitsschutz, 20:133-144, 1970.
715. Loskant, H.: Erfahrungen uber den Gesundheitlichen Einfluss verschiedener Schichtformen in einem Werk der chemischen Industrie. Proceedings of the 12th International Congress on Occupational Health, Vol. 3:130-131, 1957.
716. Loskant, H.: Influence of Different Kinds of Shift on the Health Status and Physical Fitness of the Alternating Shift Workers. Zentralblatt Arbeitsmedizin, 20:133-144, 1970.
717. Loskant, H.: Occupational-Medical Criteria for Selecting and Monitoring Shift Workers. Arbeit und Leistung, 38:24, 1970.
718. Loskant, H., and P. Knauth: Kriterien zur Gestaltung der Schichtarbeit. In W. Brenner, W. Rohmert, and J. Rutenfranz (Eds.), Ergonomische Aspekte den Arbeitsmedizin. Stuttgart: A. W. Gentner Verlag, pp. 231-240, 1976.

719. Lovett, J.: Presentation of "Variations in Work-Sleep Schedules: From the View of the Industrial Worker." In L. Johnson, D. Tepas, W. Colquhoun, and M. Colligan (Eds.), Biological Rhythms, Sleep and Shift Work. New York: SP Medical and Scientific Books, pp. 325-328, 1981.
720. Lund, R.: Instability of Circadian Rhythms and Personality Factors. Abstract, 4th International Symposium on Night and Shift Work, Ergonomics, 21:863, 1978.
721. Lutier, J., M. Lacroix, and J. Vacher: Les horaires de nuit en agriculture. Archives des Maladies Professionnelles, 24:121-122, 1963.
722. Lynch, H., D. Jimerson, Y. Ozaki, R. Post, W. Bunney, and R. Wurtman: Entrainment of Rhythmic Melatonin Secretion in Man to a 12-Hour Phase Shift in the Light/Dark Cycle. Life Sciences, 23:1557-1564, 1978.
723. Maag, G.: Shift Work in Industry. Textile Review, 7:180, 1952.
724. Maasen, A., A. Meers, and P. Verhaegen: Quantitative and Qualitative Aspects of Sleep in Young Self-Selected Four-Shift Workers. International Archives of Occupational and Environmental Health, 45:81-86, 1980.
725. MacFarlane, R.: Influence of Changing Time Zones on Air Crews and Passengers. Aerospace Medicine, 45:648-658, 1974.
726. MacFarlane, W.: Night Light and Human Functions. IES Lighting Review, 36:35-41, 1974.
727. Mackie, R.: Vigilance: Theory, Operational Performance, and Physiological Correlates. New York: Plenum Press, 1977.
728. Maier, N.: Psychology in Industry. Boston: Houghton Mifflin Co. (3rd Edition), (The WorkShift, pp. 507-509), 1955.
729. Makowiec-Dabrowska, T., J. Wojtezak-Jaroszowa, and D. Brykalski: Praca Nocna I Zmianowa (English Summary). (Work at Night and Shift Work). Medycyna Pracy, 18:340-349, 1967.
730. Makowska, Z.: Night and Shift Work. V. Fatigue of Women Employed at 3-Shift System in Textile Industry, Sleep Time and Preference of Different Working Shift and Shift Systems. (Polish) Medycyna Pracy, 25:321-332, 1974.
731. Makowska, Z., and J. Wojtczak-Jaroszowa: Day-Night Differences in Visual and Auditory Perception. (Polish) Medycyna Pracy, 23:559, 1972.
732. Makowska, Z., and J. Wojtczak-Jaroszowa: Manual Performance During the Day and at Night. (Polish) Medycyna Pracy, 22:485, 1971.
733. Malaviya, P., and K. Ganesh: Individual Differences in the Productivity Across Type of Work Shift. Journal of Applied Psychology, 62:527-528, 1977.
734. Malaviya, P., and K. Ganesh: Shift Work and Individual Differences in Productivity of Weavers in an Indian Textile Mill. Journal of Applied Psychology,

61:774-776, 1976.

735. Malbecq, W., G. Cornelissen, and J. De Prins: Some Methods for the Assessment of Phase Shift. In A. Reinberg, N. Vieux, and P. Andlauer (Eds.), Night and Shift Work: Biological and Social Aspects. New York: Pergamon Press, pp. 29-36, 1981.
736. Malinowski, A.: The Influence of Shift Work on Some Morphofunctional Features. (Polish) Zdrowie Publiczne, 84:731, 1973.
737. Mann, F.: Shift Work and Shorter Workweek. In C. Dankut, F. Mann, and H. Northrup (Eds.), Hours of Work. New York: Harper and Row, pp. 111-127, 1975.
738. Mann, F., and L. Hoffman: Automation and the Worker. (Chapter 5. Continuous Operation: Pattern and Effects) New York: Holt, pp. 105-140, 1960.
739. Mann, H., E. Poppel, and J. Rutenfranz: Untersuchungen zur Tagesperiodik der Reaktionszeit bei Nachtarbeit. III: Wechselbeziehungen zwischen Korpertemperatur und Reaktionszeit. Internationales Archives Arbeitsmedizin, 29:269-284, 1972.
740. Mann, H., J. Rutenfranz, and J. Aschoff: Untersuchungen zur Tagesperiodik der Reaktionszeit bei Nachtarbeit. I: Die Phasenlage des Positiven Scheitelwertes und Einfluss des Schlafs auf die Schwingungsbreite. Internationales Archives fur Arbeitsmedizin, 29:159-174, 1972.
741. Mann, H., J. Rutenfranz, and S. Stiller: Untersuchungen zur Tagesperiodik der Reaktionszeit bei Nachtarbeit IV: Tagesperiodische Anderungen der Parameter empirischer Reaktionszeitverteilungen. Internationales Archives fur Arbeitsmedizin, 31:193-207, 1973.
742. Mann, H., J. Rutenfranz, and R. Wever: Untersuchungen zur Tagesperiodik der Reaktionszeit bei Nachtarbeit. II: Beziehungen zwischen Gleichwert und Schwingungsbreite. Internationales Archives fur Arbeitsmedizin, 29:175-187, 1972.
743. Mannheim, B., Y. Roll, and E. Rosenstein: Development of New Shift-Systems for the Maintenance of El-Al/Israel Airlines (Hebrew). Summary Report, Technion, Haifa, 1978.
744. Marchand, M.: Effect on Health of Shift Work and Frequent Changes of Shift. Prevention et Securite du Travail, 61:8-16, 1964.
745. Margolis, B.: Stress is a Work Hazard, Too. Industrial Medicine and Surgery, 42:20-23, 1973.
746. Markiewicz, B., and M. Was-Wojciechowska: O racjonalna organizacje pracy zmianowej. Ochrona Pracy, 21:1, 1970.
747. Marliere, A.: Incidences sur la Sante du Travail en Equipes et de la Frequences Changements de Poste. These Medecine, Lille, 1961.
748. Marris, R.: Multiple Shiftwork - A Problem for Decision by Management and Labour,

National Economic Development Office, HMSO, London, 1970.

749. Marris, R.: The Economics of Capital Utilization: A Report on Multiple Shiftwork. Cambridge: Cambridge University Press, 1964.
750. Marris, R.: The Economics of Shiftworking. In The Benefits and Problems of Shiftworking, Production Engineering Research Association of Great Britain, 1966.
751. Marsh, A.: Women and Shiftwork. London: H.M.S.O., 1979.
752. Martin, W.: Estimation of Parameters of Circadian Rhythms, If Measurements Cannot be Performed Around the Clock: The Case of Band-Limited Signals Plus Noise. In A. Reinberg, N. Vieux, and P. Andlauer (Eds.), Night and Shift Work: Biological and Social Aspects. New York: Pergamon Press, pp. 37-44, 1981.
753. Martinet, P.: Incidence des conditions de Travail sur la Frequence des Troubles Digestifs, des Ouvriers enfeu Continu. (Effect of Working Conditions on Frequency of Digestive Disorders in Workers on Uninterrupted Shifts). Archives des Maladies Professionnelles, 25:56-59, 1964.
754. Martinet, P.: Le cout humain du travail en equipes alternantes dans une fabrique de fils et fibres synthetiques de prorinee. (Human Cost of Alternating Shift Work in Provencial Synthetic Yarn and Fibre Plant). Service Medical du travail, Rhone-Poulenc-Textile, B.P. 1449.25007 France, May, 1975.
755. Martinet, P.: Le travail avec decalage d'horaire n'entraîne pas forcement des troubles psychophysologiques. Archives des Maladies Professionnelles, 24:196-201, 1963.
756. Martinez Mata, M.: Aspectos Laborales de la Epilepsia. (Working Situation for the Epileptic Neurologia). Neurologia, Neurocirugia, Psiquiatria (Mexico), 13:73-76, 1972.
757. Masters, R.: Shift Work Research Needs in Aviation: An Operational Perspective. In L. Johnson, D. Tepas, W. Colquhoun, and M. Colligan (Eds.), Biological Rhythms, Sleep and Shift Work. New York: SP Medical and Scientific Books, pp. 329-333, 1981.
758. Masuda, T., and K. Takagi: Influence of Shift Work on Meal Taking- on the Food Intake of Young Work Women. Journal of Science of Labour, 51:323-338, 1975.
759. Matsumoto, K.: Sleep Patterns in Hospital Nurses Due to Shift Work: An EEG Study. Waking and Sleeping, 2:169-173, 1978.
760. Matsumoto, K., N. Sasagawa, and M. Kawamori: Studies on Fatigue of Hospital Nurses Due to Shift Work. (English Summary) Japanese Journal of Industrial Health (Japan), 20(2):81-93, 1978.
761. Matsumoto, K., Y. Saito, T. Matsui, and M. Kawamori: Studies on the Shift Work of Guards. Part 1. Problems in Programming the Shift Work. Sangyo Igaku, 22:184-193, 1980.

762. Matthews, G.: Shift Work--A Review of Present Knowledge. Medical Bulletin (Standard Oil Co.), 24:37-44, 1965.
763. Maurice, M.: Shift Work: Economic Advantages and Social Costs. Geneva: International Labour Office, 1975.
764. Maurice, M., and C. Monteil: Vie Quotidienne et Horaires de Travail: Enquete psychosociale sur le travail en equipes successives. Institute des Sciences Sociales du Travail, Paris, 1965.
765. McCally, M., H. Wegmann, R. Lund, and J. Howard: Effects of Simulated Time Zone Shifts on Human Circadian Rhythms. Paper Presented at the XXI International Congress for Air and Space Medicine, Munich, pp. 260-263, 1973.
766. McCulloch, E.: Factors Influencing Job Satisfaction and Job Satisfactoriness of Newly Licensed Nurses. Dissertation Abstracts International, 35(5-B):2280-2281, 1974.
767. McDonald, N.: Safety and Regulations Restricting the Hours of Driving of Goods Vehicle Drivers. Ergonomics, 24:475-485, 1981.
768. McFarland, R.: Air Travel Across Time Zones. American Scientist, 63:23-30, 1975.
769. McGann, B.: Psychological Aspects of Transmeridian Flying. Institute of Psychology, Dublin, Ireland. Paper No. 2, 1971.
770. McGirr, P.: Circadian Rhythms in Flight. Transactions of the Society of Occupational Medicine, 18:3-12, 1967.
771. McGirr, P.: Health Considerations: Shift Work and Health. Proceedings of the Production Engineering Research Association, Melton, Newbray, 1966.
772. Meers, A.: Performance on Different Turns of Duty Within a Three-Shift System and its Relation to Body Temperature - Two Field Studies. In W. Colquhoun, S. Folkard, P. Knauth, and J. Rutenfranz (Eds.), Experimental Studies of Shift Work. Opladen: Westdeutscher Verlag, pp. 188-205, 1975.
773. Meers, A.: Ploegenarbeid en Prestatie, Veiligheid, Ervaren, Gezondheid, Familiaal en sociaal leven. Doctoral Dissertation, Catholic University of Leuven, 1975.
774. Meers, A.: Signification du rythme nycthemeral pour la performance en situation industrielle. In P. Andlauer, J. Carpentier, and P. Cazemian (Eds.), Ergonomie du travail de nuit et des horaires alternants. Paris: Editions CUJAS, 1977.
775. Meers, A., A. Maasen, and P. Verhaegen: Subjective Health After Six Months and After Four Years of Shift Work. Ergonomics, 21:857-859, 1978.
776. Meijman, T., J. Hooiveld, and E. Kortebein: The Use of Psychological Scales for Sleep, Work Load and Activation in a Naturalistic Shift Work Setting. XIV International Conference of the International Society for Chronobiology (Abstract), Chronobiologia, 6:131, 1979.

777. Melton, C., J. McKenzie, B. Polis, G. Funkhouser, P. Iampietro: Physiological Responses in Air Traffic Control Personnel: O'Hare Tower. FAA Office of Aviation Medicine Report No. FAA-AM-71-2, January, 1971.
778. Melton, C., R. Smith, J. McKenzie, J. Saldivar, S. Hoffman, and P. Fowler: Stress in Air Traffic Controllers: Comparison of Two Air Route Traffic Control Centers on Different Shift Rotation Patterns. FAA Office of Aviation Medicine Report No. FAA-AM-75-7, September, 1975.
779. Melton, C., J. McKenzie, R. Smith, R. Polis, E. Higgins, S. Hoffman, G. Funkhouser, and J. Saldivar: Physiological, Biochemical, and Psychological Responses in Air Traffic Control Personnel: Comparison of the 5-Day and 2-2-1 Shift Rotation Patterns. FAA Office of Aviation Medicine Report No. AM-73-22, 1973.
780. Menzel, W.: Gesundheitliche fragen der Tages und Nachtarbeit. Medizinische Wochenschrift, 19:242-245, 1965.
781. Menzel, W.: Menschliche Tag-Nacht-Rhythmik und Schichtarbeit. Basel/Stuttgart: Benno Schwabe and Co., 1962.
782. Menzel, W.: Problems of Shift Work. Therapiewoche, 15:632-635, 1965.
783. Menzel, W.: Schlafstorungen der nacht-und schichtarbeiter. (Sleep Disorders of Night and Sleep Workers). Therapiewoche, 30:5118, 1980.
784. Menzel, W.: Zur Pathophysiologie der Nacht-und Schichtarbeiter. Verhandlungen der Deutschen Gesellschaft fur inner Medizin, 56:169, 1950.
785. Menzel, W.: Zur Physiologie und Pathologie des Nacht-und Schichtarbeiters. Arbeitsphysiologie, 14:304-318, 1950.
786. Mertens, J.: Die Veranderung Tagesperiodischen Schwankingen der Korpertemperatur nach Transmeridianer Flugen. Bonn-Bad Godesberg, West Germany: Deutsche Forschungs- und Versuchsanstalt fur Luft-und Raumfahrt. Institut fur Flugmedizin, Report No. DLR-FB 73-01, 1973.
787. Michel-Briand, C., and P. Dischaseaux: Enquete Realisee dans un Service de Chirurgie aupres du Personnel Travaillant cu Deux Equipes Successives. Archives des Maladies de Medecine, 39:537-538, 1979.
788. Michel-Briand, C., J. Chopard, A. Guiot, M. Paulmier, and G. Studer: The Pathological Consequences of Shift Work in Retired Workers. In A. Reinberg, N. Vieux, and P. Andlauer (Eds.), Night and Shift Work: Biological and Social Aspects. New York: Pergamon Press, pp. 399-407, 1981.
789. Migeon, C., F. Tyler, J. Mahoney, A. Florentin, H. Castle, E. Bliss, and L. Samuels: The Diurnal Variation of Plasma Levels and Urinary Excretion of 17-Hydroxycorticosteriods in Normal Subjects, Night Workers and Blind Subjects. Journal of Clinical Endocrinology and Metabiology, 16:622-633, 1956.
790. Miksl, R., and K. Kostanecka: Influence of Workshift and Biorhythm upon Critical

Fusion Frequency. Acta Universitatis Palackianae Olomucensis Facultatis Medicinae, 68:169-179, 1974.

791. Miller, N.: Bibliography on Intensive Air Operations-Problems of Sleep, Wakefulness and Circadian Rhythms. In, AGARD Lecture Series No. 105, Sleep, Wakefulness and Circadian Rhythm, pp. B1 to B23, 1979.
792. Mills, J.: Air Travel and Circadian Rhythm. Journal of the Royal College of Physicians of London, 7:122-131, 1973.
793. Mills, J.: Circadian Rhythms and Shift Workers. Transactions of the Society of Occupational Medicine, 17:5-9, 1967.
794. Mills, J.: Partial Adaptation to Simulated Time Zone Shifts. Proceedings of the Physiological Society, Journal of Physiology, 265:23p, 1977.
795. Mills, J., and A. Fort: Relative Effects of Sleep Disturbance and Persistent Endogenous Rhythm After Experimental Phase Shift. In W. Colquhoun, S. Folkard, P. Knauth, and J. Rutenfranz (Eds.), Experimental Studies of Shift Work. Opladen: Westdeutscher Verlag, pp. 11-19, 1975.
796. Mills, J., and S. Thomas: Diurnal Excretory Rhythms in a Subject Changing From Night to Day Work. Proceedings of the Physiological Society, Journal of Physiology, 137:65p-66p, 1957.
797. Mills, J., D. Minors, and J. Waterhouse: Adaptation to Abrupt Time Shifts of the Oscillator(s) Controlling Human Circadian Rhythms. Journal of Physiology, 285:455-470, 1978.
798. Mills, J., D. Minors, and J. Waterhouse: Circadian Rhythms and Irregular Sleep Schedules. Proceedings of the Physiological Society, Journal of Physiology, 270:31p-32p, 1977.
799. Mills, J., D. Minors, and J. Waterhouse: Exogenous and Endogenous Influences on Rhythms After Sudden Time Shift. Ergonomics, 21:755-761, 1978.
800. Milosevic, S., and M. Cabarkapa: Circadian Rhythm of Body Temperature and Performance Under a Weekly Rotating Shift System. Presented at the 8th Congress of the International Ergonomics Association, Tokyo, 1982 (Abstract), Ergonomics, 25:513-514, 1982.
801. Milosevic, S., Z. Milosavljevic and S. Savic: Psihotizioloske Sposobnosti operatora u Toku Rada. (Psychophysiological Abilities of Operators During Work). Archiv Za Higijenu Rada I Toksikologija, 27:191-201, 1976.
802. Ministry of Labour: Introduction of Shiftworking, HMSO, London, 1967.
803. Ministry of Labour Gazette: Shift Working. Ministry of Labour Gazette, April pp. 148-155, 1965.
804. Ministry of Labour Gazette: Shift Working: Regional Analysis. Ministry of Labour Gazette, 73:257-263, 1965.

805. Minors, D., and J. Waterhouse: Anchor Sleep as a Synchronizer of Rhythms on Abnormal Routines. In L. Johnson, D. Tepas, W. Colquhoun, and M. Colligan (Eds.), Biological Rhythms, Sleep and Shift Work. New York: SP Medical and Scientific Books, pp. 399-414, 1981.
806. Minors, D., and J. Waterhouse: Endogenous Rhythms During Anchor Sleep Experiments. In A. Reinberg, N. Vieux, and P. Andlauer (Eds.), Night and Shift Work: Biological and Social Aspects. New York: Pergamon Press, pp. 169-170, 1981.
807. Minors, D., and J. Waterhouse: How do Rhythms Adjust to Time Shifts. Proceedings of the Physiological Society, Journal of Physiology, 265:23p-24p, 1977.
808. Minors, D., and J. Waterhouse: Stabilizing Rhythms in Irregular Schedules. Proceedings of the Physiological Society, Journal of Physiology, 298:31p-32p, 1980.
809. Minors, D., and J. Waterhouse: Stable Rhythms on Irregular Schedules. XIV International Conference of the International Society for Chronobiology (Abstract), Chronobiologia, 6:133, 1979.
810. Minors, D., J. Mills, and J. Waterhouse: The Nature of the "Adaptation" of Human Circadian Rhythmicity to an Altered Time Schedule (Abstract), Chronobiologia, 4:133, 1977.
811. Mitchell, M.: Circadian Rhythm and Its Effects on People Working Rotation Shifts. Preprints, Aerospace Medical Association, p. 21, 1977.
812. Mitkova, N., and Zv. Kardashev: Changes in Certain Psycho-Physiological Indices in Shift Workers After Experimental Food and Drinking Diet. Studia Laboris et Salutis, 11:42-45, 1972.
813. Miura, K.: Industrial Fatigue Survey on Three Shift Workers, Part 1. Sumitomo Bulletin of Industrial Health, 15:15-17, 1979.
814. Miura, K.: Industrial Fatigue Survey, Part 2. Sleep of Three Shift Workers. Sumitomo Bulletin of Industrial Health, 15:18-21, 1979.
815. Mohler, S.: Circadian Rhythm Medical Facts for Pilots. Proceedings of the 16th Annual Corporate Aircraft Safety Seminar, Washington, D.C., pp. 55-57, April, 1971.
816. Mohler, S.: Physiological Index as an Aid in Developing Airline Pilot Scheduling Patterns. Aviation, Space and Environmental Medicine, 47:238-247, 1976.
817. Mohler, S., and A. Cierebiej: Human Factors in Long-Distance Flights. Industrial Medicine and Surgery, 41:11-17, 1972.
818. Mohler, S., J. Dille, and H. Gibbons: Circadian Rhythms and the Effects of Long-Distance Flights. Air Line Pilot, 37:15-17, 1968.

819. Mohler, S., J. Dille, and H. Gibbons: The Time Zone and Circadian Rhythms in Relation to Aircraft Occupants Taking Long Distance Flights. American Journal of Public Health, 58:1404-1409, 1968.
820. Moiseyeva, N.: Effects of Sudden Change in Temporal Environment on Some Circadian Rhythms. Fiziologicheskii Zhurnal, 61:1798-1804, 1975. (Translation, Human Circadian Rhythms, Wash. D.C., U.S. Joint Publications Research Service JPRS L/5601, 1976).
821. Moiseyeva, N.: The Structure of Biorhythms as One of the Criteria of the Organism's Ability for Physiological Adaptation. Fiziologicheskii Zhurnal, 64:1632-1640, 1978.
822. Moiseyeva, N., M. Bogolovsky, M. Simonov, and N. Tonkova: Characteristics of the Circadian Sleep Rhythm in Relation to Environmental Factors Associated with the Rotation of the Earth and to Biological Macrorhythms in Man. Journal of Interdisciplinary Cycle Research, 7:15-24, 1976.
823. Mollet, C.: Etude du Sommeil de Jour Chez le Travailleur Poste. Doctoral Dissertation, University of Lille, 1974.
824. Monk, T.: A Likelihood Ratio Method for Studying the Re-Entrainment of Circadian Rhythm. Chronobiologia, 4:325-332, 1977.
825. Monk, T.: Research Methods of Chronobiology. In W. Webb (Ed.), Biological Rhythms, Sleep, and Performance. New York: J. H. Wiley and Sons, pp. 27-58, 1982.
826. Monk, T.: Traffic Accident Increases as a Possible Indicant of Desynchronosis. Chronobiologia, 7:527-529, 1980.
827. Monk, T., and L. Aplin: Spring and Autumn Daylight Saving Time Changes: Studies of Adjustment in Sleep Timings, Mood, and Efficiency. Ergonomics, 23:167-178, 1980.
828. Monk, T., and D. Embry: A Field Study of Circadian Rhythms in Actual and Interpolated Task Performance. In A. Reinberg, N. Vieux, and P. Andlauer (Eds.), Night and Shift Work: Biological and Social Aspects. New York: Pergamon Press, pp. 473-480, 1981.
829. Monk, T., and S. Folkard: Adjusting to the Changes to and from Daylight Saving Time. Nature, 261:688-689, 1976.
830. Monk, T., and S. Folkard: Concealed Inefficiency of Late-Night Study. Nature, 273:296-297, 1978.
831. Monk, T., P. Knauth, S. Folkard, and J. Rutenfranz: Memory Based Performance Measures in Studies of Shiftwork. Ergonomics, 21:819-826, 1978.
832. Moog, R.: Morning-Evening Types and Shift Work: A Questionnaire Study. In A. Reinberg, N. Vieux, and P. Andlauer (Eds.), Night and Shift Work: Biological and Social Aspects. New York: Pergamon Press, pp. 481-488, 1981.

833. Moog, R., P. Hauke, and H. Kittler: Interindividual Differences in Tolerance to Shift Work Related to Morningness - Eveningness. In G. Hildebrandt and H. Hensel (Eds.), Biological Adaptation. New York: Thieme-Stratton, Inc., pp. 95-103, 1982.
834. Moore Ede, M.: Circadian Rhythms in Drug Effectiveness and Toxicity in Shift Workers: Discussion II. In P. Rentos, and R. Shepard (Eds.), Shift Work and Health: A Symposium. Washington: U.S. Department of Health, Education and Welfare (NIOSH), pp. 140-144, 1976.
835. Mori, K.: Circadian Rhythms of Corticoid and Catecholamine Excretion During and After an Experimental Night Shift. Japanese Journal of Industrial Health, 16:566-567, 1974.
836. Mori, K., J. Kato, and A. Sudo: A Survey on the Physiological Conditions of Shift Workers in a Continuous Process Industry (Part III). Japanese Journal of Industrial Health, 16:492-493, 1974.
837. Morin, B., J. Cremon, D. Guffond, A. Perdrix, P. Andlauer, J. Mallion, and G. Cau: Variations de la tension arterielle et de la frequence cardiaque au cours du travail poste. Archives Maladies des Professionnelles, 40:1037-1039, 1979.
838. Morioka, M.: Physiological Burden to Shift Workers: A Study on Their Sleeping Hours. 16th International Congress on Occupational Health, pp. 101-104, 1969.
839. Morris, R.: The Economics of Capital Utilization: A Report on Multiple Shift Work. Cambridge: Cambridge University Press, 1964.
840. Moses, J., P. Naitoh, and L. Johnson: The REM Cycle in Altered Sleep/Work Schedules. Psychophysiology, 15:569-575, 1978.
841. Moses, J., A. Lubin, P. Naitoh, and L. Johnson: Circadian Variation in Performance, Subjective Sleepiness, Sleep, and Oral Temperature During an Altered Sleep-Wake Schedule. Biological Psychology, 6:301-308, 1978.
842. Mott, P.: Social and Psychological Adjustment to Shift Work. In P. Rentos, and R. Shepard (Eds.), Shift Work and Health: A Symposium. Washington: U.S. Department of Health, Education, and Welfare (NIOSH), pp. 145-150, 1976.
843. Mott, P., F. Mann, Q. McLoughlin, and D. Warwick: Shift Work: The Social, Psychological, and Physical Consequences. Ann Arbor, Michigan: University of Michigan Press, 1965.
844. Moutor, A.: Aspects particuliers de l'adaptation du travail a l'homme en milieu saharien. Thesis, Lille, France, 1960.
845. Mueller, R., and V. Volkholz: Arbeitsbelastungen, arbeitsbedingte erkrankungen und fruhinvaliditat. (Occupational Stress, Occupational Disease and Early Disability). Zentralblatt fur Arveitsmedizin Arbeitsschutz und Prophylaxe, 30:416-423, 1980.
846. Mueller-Seitz, P.: Betriebswirtschaftlich-Arbeitswissenschaftliche

voraussetzungen der Schichtarbeit. Arbeitsmedizin-Sozialmedizin-Präventivmedizin, 15:193-196, 1980.

847. Mueller-Seitz, P.: Multifaktorielle Belastungen am industriellen Arbeitsplatz aus arbeitswissenschaftlicher Sicht. (Multiple Stresses at the Industrial Workplace from the Point of View of Labour Science). Zentralblatt für Arbeitsmedizin Arbeitsschutz und Prophylaxe, 29(4):94-103, 1979.
848. Mueller-Seitz, P.: Sport Opportunities Provided by the Employer for Shift Workers: Economic Aspects. Arbeitsmedizin-Sozialmedizin-Präventivmedizin, 14:296-298, 1979.
849. Mueller-Seitz, P.: The Factory Doctor and Shift Work. Zentralblatt für Arbeitsmedizin und Prophylaxe, 28:187-197, 1978.
850. Murphy, R.: Extroversion-Introversion in General Nursing Staff as a Function of Work Shift. Dissertation Abstracts International, 36(6-B):3126, 1975.
851. Murrell, K.: Ergonomics: Man in His Working Environment. (Chapter 19, Organisational Factors IV. Shiftwork) London: Chapman and Hall, pp. 430-441, 1969.
852. Murrell, K.: Work Organisation (Chapter 14). In Applied Ergonomics Handbook. Vol. II, pp. 79-91, 1971.
853. Nachreiner, F.: Einstellung zur Schichtarbeit. Zeitschrift für Arbeitswissenschaften, 32:152-159, 1977.
854. Nachreiner, F.: Role Perceptions, Job Satisfaction, and Attitudes Towards Shiftwork of Workers in Different Shift Systems as Related to Situation and Personal Factors. In W. Colquhoun, S. Folkard, P. Knauth, and J. Rutenfranz (Eds.), Experimental Studies of Shift Work. Opladen: Westdeutscher Verlag, pp. 232-243, 1975.
855. Nachreiner, F., and J. Rutenfranz: Sozialpsychologische, arbeitspsychologische und arbeitsmedizinische Erhebungen in der Chemischen Industrie. In F. Nachreiner, R. Frielingsdorf, R. Romahn, P. Knauth, W. Kuhlmann, F. Klimmer, J. Rutenfranz, and E. Werner (Eds.), Schichtarbeit bei kontinuierlicher Produktion. Wilhelmshaven: Wirtschaftsverlag Nordwest, pp. 83-177, 1975.
856. Nachreiner, F., R. Frielingsdorf, R. Romahn, P. Knauth, W. Kuhlmann, F. Klimmer, J. Rutenfranz, and E. Werner. (Eds.): Schichtarbeit bei kontinuierlicher Produktion. Wilhelmshaven: Wirtschaftsverlag Nordwest, 1975.
857. Nagaska, T., S. Ando, M. Hara, and K. Takagi: Adjustment of the Diurnal Rhythm in Body Temperature by a Transposition Across the Longitudes with a Moderate Speed. Nagoya Journal of Medical Science, 29:369-375, 1967.
858. Naruse, T.: Arrangement of Working Time and Social Problems Connected with Shift Work in Japan. Paper Presented at the ILO Symposium on Arrangement of Working Time and Social Problems Connected with Shift Work in Industrialised Countries. Geneva, Doc. No. ILO-SWTSW/1977/D.10, 1977.

859. National Board for Prices and Incomes: Hours of Work, Overtime, and Shiftworking, Report No. 161, Her Majesty's Stationery Office, London, 1970.
860. National Economic Development Council: Multiple Shiftwork: A Problem of Decision by Management and Labour. HMSO, London, December, 1970.
861. Naville, P.: Shiftwork by Working People in Different Sectors of Industry and Commerce. Travail et Main-d'Oeuvre, Ministry of Labor and Social Security, 12:55-59, 1957.
862. Nedviga, V.: Funktsional'noe sostoyanie organizma palatnykh meditsinskikh sester Khirurgicheskikh otdelenii vo vremya raboty. Gigiena Truda i Professional'nye Zabolevaniya, 24:13-17, 1980.
863. Neuloh, O.: Sozialisation und Schichtarbeit. Soziale Welt, 15:50-70, 1964.
864. Neulot, G.: Le Travail de Nuit. Medecine Usine, 13:391-400, 1951.
865. News: 6.9 Million Workers on Late Shift. U.S. Department of Labor Office of Information, Washington, D.C., 1978, (USDL, 78-188).
866. Nguyen, G.: L'industrie caoutchouc et ses risques professionnels dans la region centre - Aspects physiopathologiques. (The Rubber Industry and its Occupational Hazards in the Central Region of France - Physiopathological Aspects). Universite de Tours. Faculte du Medecine, France, 1972.
867. Nicholson, A.: Duty Hours and Sleep Patterns in World Wide Routes. Aerospace Medicine, 43:138-141, 1972.
868. Nicholson, A.: Hypnotics and Shift Work. In L. Johnson, D. Tepas, W. Colquhoun, and M. Colligan (Eds.), Biological Rhythms, Sleep and Shift Work. New York: SP Medical and Scientific Books, pp. 383-398, 1981.
869. Nicholson, A.: Influence des horaires de service sur les formes du sommeil chez des equipages navigants accomplissant des missions de transport sur longues distances. Revue de Medecine Aeronautique et Spatiale, 10:47, 1971.
870. Nicholson, A.: Influence of Duty Hours on Sleep Patterns in Air Crew Operating in the Long Haul Transport Role. A Study of Single Crew Operations and Double Crew Continuous Flying Operations. In A. Benson (Ed.), Rest and Activity Cycles for the Maintenance of Efficiency of Personnel Concerned with Military Flight Operations. AGARD Report No. AGARD-CP-74-70, pp. 7-1 to 7-9, 1970.
871. Nicholson, A.: Irregular Work and Rest. In G. Ohmin, and J. Ermst (Eds.), Aviation Medicine, Physiology and Human Factors, London: Tri-Med. Books, pp. 494-503, 1978.
872. Nicholson, A.: Rest and Activity Patterns for Prolonged Extraterrestrial Missions. Aerospace Medicine, 43:253-257, 1970.
873. Nicholson, A. (Ed.): Sleep and Wakefulness and Circadian Rhythm. AGARD Lecture Series No. 105, 1979.

874. Nicholson, A.: Sleep Patterns in the Aerospace Environment. Proceedings of the Royal Society of Medicine, 65:192-194, 1972.
875. Nicholson, A.: Sleep Patterns of an Airline Pilot Operating World-Wide East-West Routes. Aerospace Medicine, 41:626-632, 1970.
876. Nicholson, A.: Work, Rest and Safety in the Air. New Scientist, 5:404-407, 1973.
877. Nicholson, A., and B. Stone: Adaptation of Sleep to British Summer Time. Proceedings of the Physiological Society, Journal of Physiology, 275:22p-23p, 1978.
878. Nicholson, A., and B. Stone: Sleep and Wakefulness: Handbook for Flight Medical Officers. AGARD No. AGARD-AG-270(E), March, 1982.
879. Nicholson, A., and B. Stone: Sleep Problems in Shiftworkers. In H. Kamphaisen, G. Bruyn, and P. Visser (Eds.), Sleep: Normal and Deranged Function. Netherlands: Mefar BV, p. 133+, 1981.
880. Nicholson, N., P. Jackson, and G. Howes: Shiftwork and Absence: An Analysis of Temporal Trends. Journal of Occupational Psychology, 51:127-137, 1978.
881. Nicolas, M.: Rythmes biologiques et voyages aeries a longue distance. Revue des Corps de Sante des Armees, 8:637-646, 1967.
882. Nikolic, Z.: Miloski Ritmovi Coveka. Ergonomija, 6:11-19, 1979.
883. Nilsson, C.: Social Consequences of the Scheduling of Working Hours. In A. Reinberg, N. Vieux, and P. Andlauer (Eds.), Night and Shift Work: Biological and Social Aspects. New York: Pergamon Press, pp. 489-494, 1981.
884. Niskanen, P., J. Lonnqvist, K. Achte, E. Karha, and A. Kyro: Psychiatric Symptoms in the Shift Work of 427 Female Office Workers. Psychiatria Fennica, pp. 369-376, 1974.
885. Nitsch, J., and I. Udris: Subjektive Beanspruchung bei Schichtarbeit. In J. Rutenfranz and R. Singer (Eds.), Aktuelle Probleme der Arbeitsumwelt. Stuttgart: A. W. Gentner Verlag, pp. 75-80, 1971.
886. Nogueira, D.: Accidents During Work and Time of Day. Industrial Medicine and Surgery, 40:28-30, 1971.
887. Northrup, H.: Shift Problems and Practices (Studies in Personnel Policy 118). National Industrial Conference Board, Inc., New York, 1951.
888. Northrup, H., J. Wilson, and K. Rose: Twelve-Hour Shift in the Petroleum and Chemical Industries. Industrial and Labor Relations Review, 32:312-326, 1979.
889. Nurminen, M., J. Ilmarinen, R. Ilmarinen, and O. Korhonen: Application of Periodic Regression Analysis to a Study of Physiologic Functions Related to Physical Working Capacity. In A. Reinberg, N. Vieux, and P. Andlauer (Eds.), Night and Shift Work: Biological and Social Aspects. New York: Pergamon Press,

pp. 45-50, 1981.

890. OCED: New Patterns for Working Time. Organization for Economic Co-Operation and Development, International Conference (Paris), 1972.
891. O'Connor, C.: Late-Shift Employment in Manufacturing Industries. Monthly Labor Review, November, pp. 37-42, 1970.
892. O'Connor, D.: The Internal Clock of the International Jet Traveller. Medical Journal of Australia, 1:1227 & 1230, 1971.
893. Oginski, A.: Comparative Research Into the Work on Three Shifts: Morning, Afternoon, and Night. Proceedings of the 15th International Congress on Occupational Health (Vienna), 6:384-385, 1966.
894. Oginski, A.: Une enquete sur la fatigue industrielle dans une industrie a feu continu. Incidence des facteurs saisonniers. In P. Andlauer, J. Carpentier, and P. Cazamian (Eds.), Ergonomie du travail de nuit des horaires alternants. Editions CUJAS, Paris, pp. 145-157, 1977.
895. Oginski, A., L. Kozlakowska-Swigan, and J. Pokorski: Diurnal and Seasonal Variations in Industrial Fatigue of Shift Workers. Proceedings of the 6th Congress of the Ergonomics Association, 19:391, 1976.
896. O'Hara, K.: A Report Upon Circadian Rhythm of Body Temperature During Longitudinal Air Travel. Nagoya Medical Journal, 13:143-149, 1967.
897. O. I. T. Principles et Methodes de determination des remunerations pour le Travail en Equipes et les Heures Supplementaires dans les Industries Chimiques. Commission des Industries Chimiques, 6 Session, Vol. 1, Geneve, 1962.
898. Ostberg, O.: Circadian Rhythms of Food Intake and Oral Temperature in "Morning" and "Evening" Groups of Individuals. Ergonomics, 16:203-209, 1973.
899. Ostberg, O.: Interindividual Differences in Circadian Fatigue Patterns of Shift Workers. British Journal of Industrial Medicine, 30:341-351, 1973.
900. Ostberg, O., and G. Svensson: "Functional Age" and Physical Work Capacity During Day and Night. In W. Colquhoun, S. Folkard, P. Knauth, and J. Rutenfranz (Eds.), Experimental Studies of Shift Work. Opladen: Westdeutscher Verlag, pp. 254-264, 1975.
901. Otto, L.: Die Belastungssituation der Schwester im Dreischichtdienst. (Pressure on Nurses in the 3-Shift Service). Zeitschrift fuer Aerztliche Fortbildung, 75(5):245-249, 1978.
902. Owen, J.: The Economics of Shift Work and Absenteeism. In P. Rentos and R. Shepard (Eds.) Shift Work and Health: A Symposium. Washington: U. S. Department of Health, Education, and Welfare (NIOSH), pp. 213-217, 1976.
903. Pafnote, M., I. Vaida, O. Luchian, P. Popescu, and L. Cirstoceu: Changes in Electrical Excitability of the Eye in Some Perceptive Tasks. 15th International

Congress of Occupational Health, 9:19-24, 1966.

904. Pafnote, M., I. Vaida, I. Mihaila, O. Luchian, and P. Popescu: Some Aspects of Human Adaptation to Weekly Turning of Working-Shifts. 3rd International Congress on Ergonomics, Birmingham, 1967.
905. Panzer, F.: Night People. Industrial Bulletin (New York State Department of Labor), 38:6-10, 1959.
906. Pardon, N.: Des horaires de travail. Archives Maladies des Professionnelles, 19:391-394, 1958.
907. Parker, D., A. Pekary, and J. Hershman: Effect of Normal and Reversed Sleep-Wake Cycles upon Nychtohemeral Rhythmicity of Plasma Thyrotropin: Evidence Suggestive of an Inhibitory Influence in Sleep. Journal of Clinical Endocrinology and Metabolism, 43:318-329, 1976.
908. Parker, D., L. Rossman, A. Pekary, J. Hershman, D. Kripke and W. Gibson: Endocrine Rhythms Across Reversal Sleep-Wake Cycles. In L. Johnson, D. Tepas, W. Colquhoun, and M. Colligan (Eds.), Biological Rhythms, Sleep, and Shift Work. New York: SP Medical and Scientific Books, pp. 111-132, 1981.
909. Parrot, J., and J. Petiot: Less than 24 Hour Pseudo-Periodicity in Work Schedules of Train Drivers in Relation to their Sleep. International Archives of Occupational and Environmental Health, 41:181-188, 1978.
910. Patkai, P.: Diurnal Differences Between Habitual Morning Workers and Evening Workers in Some Psychological and Physiological Functions. Report From the Psychology Laboratory of Stockholm University, No. 311, 1970.
911. Patkai, P., and K. Dahlgren: Adjustment of Diurnal Rhythms to Unusual Working Hours as Related to Measures of Subjective Adaptation. 4th International Symposium on Night and Shift Work (Abstract), Ergonomics, 21:869, 1978.
912. Patkai, P., and K. Dahlgren: Satisfaction with Different Types of Rapidly Rotating Shift Systems. In A. Reinberg, N. Vieux, and P. Andlauer (Eds.), Night and Shift Work: Biological and Social Aspects. New York: Pergamon Press, pp. 245-250, 1981.
913. Patkai, P., T. Akerstedt, and K. Petterson: Field Studies of Shift Work: I. Temporal Patterns in Psychophysiological Activation in Permanent Night Workers. Ergonomics, 20:611-619, 1977.
914. Patkai, P., T. Akerstedt, and K. Petterson: The Diurnal Patterns of Psychological and Physiological Functions in Permanent Night Workers. Reports from the Psychological Laboratories (Stockholm), No. 429, 1974.
915. Patkai, P., K. Petterson, and T. Akerstedt: Flexible Working Hours and Individual Diurnal Rhythms. Report from the Psychological Laboratory (U. of Stockholm), No. 406, 1973.
916. Patkai, P., K. Petterson, and T. Akerstedt: The Diurnal Pattern of Some

Physiological and Psychological Functions in Permanent Night Workers and in Men Working on a Two-Shift (Day and Night) System. In P. Colquhoun, S. Folkard, P. Knauth, and J. Rutenfranz (Eds.), Experimental Studies of Shiftwork. Opladen: Westdeutscher Verlag, pp. 131-141, 1975.

917. Paul, H.: Unfall und Krankheit in ihrer Bedeutung für den Kohlenbergbau. Zentralblatt Arbeitsmedizin Wiss, 8:148-156, 1954.
918. Paunovic-Pfaf, J., and D. Georgueviclojin: Stav Radnika Nocnom Radu. Ergonomija, 5:41-44, 1978.
919. Pawlowska-Skyba, K., J. Wojtczak-Jaroszowa, and M. Romejko: Praca Nocna I Zmianowa III. Wplyw Pracy 3-Zmianowej na Czynnosci Fizjologiczne Ustroju. Medycyna Pracy, 19:321-332, 1968.
920. Peacock, B., and R. Schlegel: Critical Flicker Fusion and Grammatical Reasoning in the Evaluation of Shift Schedules. Presented at the 8th Congress of the International Ergonomics Association, Tokyo, 1982 (Abstract), Ergonomics, 25:513, 1982.
921. Pearlin, L.: Alienation from Work: A Study of Nursing Personnel. American Sociological Review, 27:314-326, 1962.
922. Pettersen-Dahlgren, K.: Biologische Tagesrhythmen bei unterschiedlicher Andordnung der Arbeitszeit. In G. Hildebrandt (Ed.), Biologische Rhythmen und Arbeit. Vienna-New York: Springer-Verlag, pp. 97-108, 1976.
923. Philbert, M.: Le Travail Poste. In Annee du Medicin, Paris, France: Editons Flammarion Medecine - Sciences, pp. 286-292, 1977.
924. Philipp, E., and S. Griew: One Hundred Shiftworkers. New Zealand Institute of Economic Research, Inc., Research Paper No. 15, 1970.
925. Pierach, A.: Nachtarbeit und Schichtwechsel beim gesunden und kranken Menschen. (Night Work and Shift Changes in Healthy and Sick People). Acta Medica Scandinavia, Suppl. 307:159-166, 1955.
926. Pocock, S., R. Sergeant, and P. Taylor: Absence of Continuous Three-Shift Workers: A Comparison of Traditional and Rapidly Rotating Systems. Occupational Psychology, 46:7-13, 1972.
927. Pokorny, M., D. Blom and P. van Leeuwen: Analysis of Traffic Accident Data (From Busdrivers) - An Alternative Approach (I). In A. Reinberg, N. Vieux, and P. Andlauer (Eds.), Night and Shift Work: Biological and Social Aspects. New York: Pergamon Press, pp. 271-278, 1981.
928. Pokorny, M., D. Blom and P. van Leeuwen: Analysis of Traffic Accident Data (From Busdrivers) - An Alternative Approach (II). In A. Reinberg, N. Vieux, and P. Andlauer (Eds.), Night and Shift Work: Biological and Social Aspects. New York: Pergamon Press, pp. 279-286, 1981.
929. Pollmann, L.: Continuous Measurements of Heart and Respiratory Rate During a

Long-Term Experiment with an Inverted Activity Cycle. In P. Colquhoun, S. Folkard, P. Knauth, and J. Rutenfranz (Eds.), Experimental Studies of Shiftwork. Opladen: Westdeutscher Verlag, pp. 94-102, 1975.

930. Popescu-Neveanu, E., M. Mamali, and P. Ene: Aspecte ale oboseli operatorilor determinata de munca de noapte si munca in schimburi. (Aspects of Operators' Fatigue Determined by Night Work and Shift Work). Revista de Psihologie, 12(3):345-366, 1966.
931. Popov, M., and P. Mihaylova: The Health and Social Aspects of International Legal Regulation of Shift and Night Work. Studia Laboris et Salutis, 11:46-51, 1972.
932. Popov, A., and V. Romanou: K Voprosu o ulianii sutochnogo ritma fiziologicheskikh funktsii na umstvennuia rabotosposobnost' operatorov. (The Effect of Circadian Rhythm of Physiological Functions on the Mental Work Capacity of Operators). Voenno-Meditsinskii Zhurnal, December, pp. 49-51, 1981.
933. Poppel, E.: Jet Travel-Body and Soul. New Scientist, 55:232-235, 1972.
934. Popyesku, Y.: Dynamics of the Work Capacity of Electric Power Station Employees. Revue Roumaine des Sciences Sociales-Serie de Psychologie, 17:129-144, 1973.
935. Posey, T., and J. Ford: The Morningness-Eveningness Preference of College Students as Measured by the Horne and Ostberg Questionnaire. International Journal of Chronobiology, 7:141-144, 1981.
936. Pradhan, S.: Reaction of Workers on Night Shift. Proceedings, 16th International Congress of Occupational Health, Tokyo, 1969.
937. Preston, F.: Aspects of Sleep Regulation in Airline Pilots. In H. Fuchs (Ed.), Use of Medication and Drugs in Flying Personnel, AGARD-CP-108, pp. A41 to A47, 1973.
938. Preston, F.: Further Sleep Problems in Airline Pilots on World-Wide Schedules. Aerospace Medicine, 44:775-782, 1973.
939. Preston, F.: Temporal Discord, Journal of Psychological Research, 22:377-385, 1978.
940. Preston, F.: Time Zone Disruption and Sleep Patterns in Pilots. Transactions of the Society of Occupational Medicine, 20:77-86, 1970.
941. Preston, F.: Transport Flying and Circadian Rhythms. IATA Conference, 20/WP:60, 1975.
942. Preston, F., and S. Bateman: Effect of Time Zone Changes on the Sleep Pattern of BOAC B. 707 Crews on World-Wide Schedules. Aerospace Medicine, 41:1409-1415, 1970.
943. Preston, F., and D. Cussen: Sleep Patterns in a Lone Global Pilot. Aerospace Medicine, 44:669-674, 1973.

944. Preston, F., H. Ruffell Smith, and V. Sutton-Mattocks: Sleep Loss in Air Cabin Crew. Aerospace Medicine, 44:931-935, 1973.
945. Preston, F., S. Bateman, R. Short, and R. Wilkinson: Effects of Flying and of Time Changes on Menstrual Cycle Length and on Performance in Airline Stewardesses. Aerospace Medicine, 44:438-443, 1973.
946. Preston, F., S. Bateman, F. Meichen, R. Wilkinson, and R. Short: Effects of Time Zone Changes on Performance and Physiology of Airline Personnel. Aviation, Space, and Environmental Medicine, 47:763-769, 1976.
947. Pribil, M.: Poruchy Biologického Rytmu při Presunu Sportovců Podel Poledniku, Teorie a Praxe Telesne Vychovy, 24:615-618, 1976.
948. Price, W., and D. Holley: The Last Minutes of Flight 2860: An Analysis of Crew Shift Work Scheduling. In A. Reinberg, N. Vieux, and P. Andlauer (Eds.), Night and Shift Work: Biological and Social Aspects. New York: Pergamon Press, pp. 287-294, 1981.
949. Production Engineering Research Association of Great Britain: The Benefits and Problems of Shift Working. A P.E.R.A. Symposium, 7th and 8th of June, London, 1966.
950. Prokop, O., and L. Prokop: Ermüdung und Einschlafen am Steuer. Deutsche Zeitschrift für die gesamte Gerichtliche Medizin, 44:343-355, 1955.
951. Pternitis, C.: Etudes electrophysiologiques au cours du sommeil chez l'ouvrier poste (3x8). In P. Andlauer, J. Carpentier, and P. Cazamian (Eds.), Ergonomie du travail de nuit et des horaires alternants. Paris: Editions CUJAS, pp. 113-132, 1977.
952. Pternitis, C.: Shift Work: Work Load, Fatigue and States of Vigilance. In A. Reinberg, N. Vieux, and P. Andlauer (Eds.), Night and Shift Work: Biological and Social Aspects. New York: Pergamon Press, pp. 171-177, 1981.
953. Quaas, M.: Probleme der Adaptation, Leistungsfähigkeit und Organisation der Schichtarbeit in der DDR. (Problems Regarding Adaptation, Productivity and Organization of Shift Work in the GDR). Studia Laboris et Salutis, 4:112-123, 1969.
954. Quaas, M.: Zu Fragen der Arbeitsorganisation bei Schichtarbeit aus Arbeitshygienischer Sicht. (Observations on Problems Concerning the Organization of Shift Work From the Point of View of Industrial Hygiene). Zeitschrift für die Gesamte Hygiene, 13(9):648-651, 1967.
955. Quaas, M., and R. Tunsch: Problems of Disablement and Accident Frequency in Shift-and Night Work. Studia Laboris et Salutis, 11:52-57, 1972.
956. Rabe, K.: The Most Suitable Shift System in Base Load Stations. Energietechnik, 14:166-169, 1964.
957. Raboutet, J., C. Bousquet, E. Granotier, and R. Angiboust: Troubles du sommeil

et du rythme de vie chez le personnel navigant effectuant des vols a longue distance. Le Medecine Aeronautique, 13:311-322, 1958.

958. Raith, H.: Overtime, Night Work and Shift Work. Postal, Telegraph and Telephone International, Geneva, 1974.
959. Raymond, V., and C. Baruch: Les Horaires de travail a Paris dans L'industrie moyenne. Archives des Maladies Professionnelles, 23:544-548, 1962.
960. Rehahn, H.: Probleme der Schichtarbeit aus der sicht der Betrieblichen Praxzis. Arbeit U. Leistung, 26:145-147, 1972.
961. Rehme, H.: Die Veranderung Tageszeitlicher Schwankungen Simulierten Fliegerischer Tatigkeit unter den Einfluss den Zeitverschiebung nach Flugreisen uben mehrere Zeitzone. Bonn-Bad Godesberg, West Germany: Deutsche Forschungs-und Versuchsanstalt fur Luft-und Raumfahrt. Institute fur Flugmedizin, Report No. DLR-FB 73-25, 1973. (Translated to English by European Space Research Organisation, ESRO TT-49, 1974).
962. Reid, D., C. Schuh-Wear, and M. Brannon: Use of a Group Contingency to Decrease Staff Absenteeism in a State Institution. Behavior Modification, 2:251-266, 1978.
963. Reid, P.: The Human Problems of Shift Operations. Supervisory Management, 5:2-13, 1960.
964. Reinberg, A.: Appreciation of the Effects of Changes in Work Rest Schedules Upon Various Circadian Rhythms by Auto Estimation Techniques (Fatigue, etc.) and Auto Measurement. Archives Maladies des Professionnelles, 38:145-146, 1977.
965. Reinberg, A. (Ed.): Chronobiological Field Studies of Oil Refinery Shift Workers. Chronobiologia, Vol. 6, Suppl. 1:1-120, 1979.
966. Reinberg, A.: Chronobiologie appliquee a l'etude des effets des changements d'horaire travail-repos dans une raffinerie de petrole. In P. Andlauer, J. Carpentier, and P. Cazamian (Eds.), Ergonomie du travail de nuit et des horaires alternants. Paris: Editions CUJAS, pp. 66-80, 1977.
967. Reinberg, A.: Circadian Thermal Rhythm Amplitude and Long Term Tolerance to Shift-Work Position. Variations in Work-Sleep Schedules: Effects in Health and Performance. Washington, D.C.: NIOSH, 1980.
968. Reinberg, A.: Effects des Chargments d'horaine de Travail. Resultats d'une Autometrie Chronobiologique. Arch Medicochirurgicales de Normandie, 6:353-366, 1975.
969. Reinberg, A.: Evaluation de la desynchronisation circadienne lors des vols transmeridiens. (Evaluation of Circadian Desynchronization During Transmeridian Flights). In Reunion de la Chronobiologi Appliquee a l'Hygiene de l'Environnement. Paris: Fondation A. de Rothschild, 1969, (Abstract), Revue De Medecine Aeronautique et Spatiale, 8:194-195, 1969.
970. Reinberg, A.: Evaluation of Circadian Desynchronization During Transmeridian

Flight. Archives Maladies des Professionnelles, 32:390-393, 1971.

971. Reinberg, A.: Evaluation of Circadian Dyschronism During Transmeridian Flights. Life Science and Space Research VIII, Amsterdam: North-Holland Pub. Co., pp. 172-174, 1970.
972. Reinberg, A.: Evaluation of Circadian Dyschronism During Transmeridian Flight. Studium Generale (Springer), 23:1159-1168, 1970.
973. Reinberg, A.: Fatigue et Travail Poste. (Fatigue and Shiftwork). Psychological Medicine (Paris), 10:1925-1928, 1978.
974. Reinberg, A.: Human Chronobiology and Adaptation. In G. Hildebrandt and H. Hensel (Eds.), Biological Adaptation. New York: Thieme-Stratton, Inc., pp. 64-67, 1982.
975. Reinberg, A.: Tolerance to Shift Work: A Chronobiologic Approach. In AGARD Lecture Series No. 105, Sleep, Wakefulness and Circadian Rhythm, pp. 9/1-9/23, 1979.
976. Reinberg, A., P. Andlauer, and N. Vieux: Circadian Temperature Rhythm Amplitude and Long Term Tolerance of Shiftworking. In L. Johnson, D. Tepas, W. Colquhoun, and M. Colligan (Eds.), Biological Rhythms, Sleep and Shift Work. New York: SP Medical and Scientific Books, pp. 61-74, 1981.
977. Reinberg, A., A. Chaumont, and A. LaPorte: Adjustment rapide des rythmes circadiens de metabolites hormonaux aux changements d'horaire de travail. Annales d'Endocrinologie, 35:307-308, 1974.
978. Reinberg, A., A. Chaumont, and A. Laporte: Circadian Temporal Structure of 20 Shift Workers (8-Hour Shift-Weekly Rotation): An Autometric Field Study. In W. Colquhoun, S. Folkard, P. Knauth, and J. Rutenfranz (Eds.), Experimental Studies of Shift Work. Opladen: Westdeutscher Verlag, pp. 142-165, 1975.
979. Reinberg, A., N. Vieux, and P. Andlauer: 5TH International Symposium on Night and Shift Work. Chronobiologia, 7:372-431, 1980.
980. Reinberg, A., N. Vieux, and P. Andlauer (Eds.): Night and Shift Work: Biological and Social Aspects. New York: Pergamon Press, 1981.
981. Reinberg, A., N. Vieux, P. Andlauer, P. Guillet, and A. Nicolai: Tolerance of Shift Work, Amplitude of Circadian Rhythms and Aging. In A. Reinberg, N. Vieux, and P. Andlauer (Eds.), Night and Shift Work: Biological and Social Aspects. Pergamon Press, pp. 341-354, 1981.
982. Reinberg, A., N. Vieux, J. Ghata, A. Chaumont, and A. Laporte: Circadian Rhythm Amplitude and Individual Ability to Adjust to Shift Work. Ergonomics, 21:763-766, 1978.
983. Reinberg, A., N. Vieux, J. Ghata, A. Chaumont and A. Laporte: Consideration of the Circadian Amplitude in Relation to the Ability to Phase Shift Circadian Rhythms of Shift Workers. Chronobiologia, Vol. 6, Suppl. 1:57-63, 1979.

984. Reinberg, A., N. Vieux, J. Ghata, A. Chaumont, and A. Laporte: Is the Rhythm Amplitude Related to the Ability to Phase-Shift Circadian Rhythms of Shift-Workers. Journal of Physiology (Paris), 74:405-409, 1978.
985. Reinberg, A., N. Vieux, A. Laporte, J. Ghata, and C. Migraine. Rapid Adjustment of Circadian Rhythms in Shift Worker in an Oil Refinery. Proceedings of the 6th Congress of the International Ergonomics Association. The Human Factors Society, Santa Monica, pp. 507-509, 1976.
986. Reinberg, A., P. Andlauer, P. Guillet, A. Nicolai, N. Vieux, and A. Laporte: Oral Temperature, Circadian Rhythm Amplitude, Ageing and Tolerance to Shift-Work. Ergonomics, 23:55-64, 1980.
987. Reinberg, A., N. Vieux, P. Andlauer, P. Guillet, A. Laporte, and A. Nicolai: Oral Temperature Circadian Rhythm Amplitude, Aging and Tolerance to Shift Work (Study 3). Chronobiologia, Vol. 6, Suppl. 1:77-85, 1979.
988. Reinberg, A., C. Migraine, M. Apfelbaum, L. Brigant, J. Ghata, N. Vieux, and A. Laporte: Circadian and Ultradian Rhythms in the Feeding Behavior and Nutrient Intake of Oil Refinery Operators on a Rapidly Rotating Shift System. 4th International Symposium on Night and Shift Work (Abstract), Ergonomics, 21:862, 1978.
989. Reinberg, A., N. Vieux, P. Andlauer, M. Smolensky, J. Ghata, A. Laporte, and A. Nicolai: Concluding Remarks. Shift-Work Tolerance: Perspectives Based Upon Findings Derived From Chronobiologic Field Studies on Oil Refinery Workers. Chronobiologia, Vol. 6, Suppl. 1:105-110, 1979.
990. Reinberg, A., C. Migraine, M. Apfelbaum, L. Brigant, J. Ghata, N. Vieux, A. Laporte, and A. Nicolai: Circadian and Ultradian Rhythms in the Eating Behavior and Nutrient Intake of Oil Refinery Operators (Study 2). Chronobiologia, Vol 6, Suppl. 1:89-102, 1979.
991. Reinberg, A., C. Migraine, M. Apfelbaum, L. Brigant, J. Ghata, N. Vieux, A. Laporte, and A. Nicolai: Circadian and Ultradian Rhythms in the Feeding Behaviour and Nutrient Intakes of Oil Refinery Operators with Shift-Work Every 3-4 Days. Diabete and Metabolisme (Paris), 5:33-41, 1979.
992. Reinberg, A., N. Vieux, A. Chaumont, A. Laporte, M. Smolensky, A. Nicolai, C. Abulker, and J. Dupont: Aims and Conditions of Shift Work Studies. Chronobiologia, Vol. 6, Suppl. 1:7-23, 1979.
993. Reinberg, A., N. Vieux, A. Laporte, C. Migraine, J. Ghata, C. Abulker, J. Dupont, and A. Nicolai: Ajustement de rythmes circadiens physiologiques d'operateurs d'une raffinerie, lors de changements d'horaires travail-repos tous les 3-4 jours. Archives des Maladies Professionnelles, 37:479-494, 1976.
994. Reinberg, A., A. Chaumont, A. Laporte, P. Chambon, G. Vincendon, G. Shoulios, M. Bauchart, A. Nicolai, C. Abulker, and J. Dupont: Changes in Circadian Temporal Structure (Including Sleep) of 20 Shift Workers (8-H Shift-Weekly Rotation). A Field Study with Autorhythmometry (Abstract). International Journal of Chronobiology, 1:352-353, 1973.

995. Reinberg, A., A. Chaumont, A. Laporte, P. Chambon, G. Vincendon, G. Skoulios, M. Bauchart, A. Nicolai, C. Abulker, and J. Dupont: Etude chronobiologique des effets des changements d'hoaires de travail (autometrie de 20 sujets postes; systeme des 3x8 a rotation hebdomadaire). (Circadian Rhythm Study of Effects of Change in Working Hours (Autorhythmometry of 20 Shift Workers: 8-hour 3-Shift Weekly Rotation)). Archives des Maladies Professionnelles, 35:373-394, 1973.
996. Reinhart, V.: Ergonomics: Studies Improving Life on the Job. Job Safety and Health, 3:16-21, 1975.
997. Rentos, P., and R. Shepard (Eds.): Shift Work and Health: A Symposium. Washington: U.S. Department of Health, Education, and Welfare (NIOSH), 1976.
998. Reshetiuk, A., L. Vanin, V. Vasilkov: Effectiveness of Physiologically Rational Intershift Work Schedules of Development and Breakage Face Stopers in Coal Mines of the Donetsk Basin. Gigiena Truda i Professional'nye Zabolevaniya, (12):6-9, 1976.
999. Ribak, J., I. Ashkenazi, A. Klepfish, B. Kallner, D. Augar, Y. Noyman, and J. Tal: The Role of Endogenous Circadian Rhythmicity in Air-Force Flight Accidents Due to Error. Proceedings of the 19th Annual Symposium of the SAFE Association, Las Vegas, Nevada, December, 1981.
1000. Risberg, A., J. Engveld-Sished, L. Philipson, and D. Ingvar: Quantitative Sleep Studies in Hospital Night Workers. Paper Presented at the 3rd International Congress of Sleep Research, Tokyo, 1979.
1001. Roberts, K., S. Clark, F. Cook, and E. Semeonoff: How Many Hours in a Week? Personnel Management, 6:33-41, 1974.
1002. Roche, L., and G. Neulat: Le travail de nuit. Archives des Maladies Professionnelles, 12:519-533, 1951.
1003. Rockwell, D.: The Jet Lag Syndrome. Western Journal of Medicine, 122:419, 1975.
1004. Rockwell, D., C. Wright, L. Rosenblah, E. Higgins and N. Hetherony: Biological Aspects of Suicide: Circadian Disorganization. Journal of Nervous and Mental Diseases, 166:851-858, 1978.
1005. Rogers, P.: Shift Work: How Acceptable is It? Work and People, 2:20-26, 1976.
1006. Rohmert, W., and H. Luczak: Studies on Part Time Shift Work and Rest Periods in Repetitive Mental Work. Internationale Archiv fur Arbeitsmedizin, 31:171-191, 1973.
1007. Rohmert, W., G. Hildebrandt, and J. Rutenfranz: Nacht-und Schichtarbeit von Triebfahrzeugfuhrern. 2. Mitteilung. Untersuchungen uber die Dienstplangestaltung. (Night and Shiftwork of Engine Drivers. 2. Organization of Daily Service Schedules). International Archives Arbeitsmedizin, 33:99-114, 1974.
1008. Ronot, P.: Suggestions pour des noraires de nuit. Archives des Maladies

Professionnelles, 39:535-536, 1978.

1009. Rosenblatt, L., K. Klein, C. Winget, N. Hetherington, and J. Beljan: Resynchronization Rates of a Psychomotor Test Rhythm in Man Following Translongitudinal Flights. Preprints, Annual Scientific Meeting of the Aerospace Medical Association, Las Vegas, Nevada, pp. 225-226, 1973.
1010. Ross, W.: An Occupational Mental Health Position. In P. Rentos and R. Shepard (Eds.) Shift Work and Health: A Symposium. Washington: U.S. Department of Health, Education, and Welfare(NIOSH), pp. 270-272, 1976.
1011. Rotenberg, V., V. Shakhnarovich, I. Kandrers, S. Roitenburg, A. Goncharenko, N. Kosilina, M. Tyurin, and R. Arenalis-Garcia: Structura nochnovo i dnevno sn pri smennoi rubote v svyazi s problemoi adaptatsii k nochnomu trudu. (Structure of Nocturnal and Diurnal Sleep During Shift Work in Connection With the Problem of Adaptation to Night Work). Fiziologiya Cheloveka, 1:756-762, 1975 (Tran. Human Physiology, 1:674-678, 1975).
1012. Rowan, R.: Jet Lag Isn't Just a State of Mind. Fortune, 97:140-145, 197, 198, 200, 202, Aug. 1976.
1013. Rozenblat, V., and Y. Solonin: Extremes of Physical Strain in Some Types of Work. Institution of Industrial Hygiene and Occupational Diseases, 10:1066-1068, 1966.
1014. Ruft, S.: Uber die Folger der Zeitverschiebung auf den menschlichen Organismus bei heutigen Flugzeugen und uber Schallflugzeugen. Flugwelt, 18:811-813, 1966.
1015. Rutenfranz, J.: Adaptation to Night and Shiftwork. In G. Hildebrandt and H. Hensel (Eds.), Biological Adaptation. New York: Thieme-Stratton, Inc., pp. 68-86, 1982.
1016. Rutenfranz, J.: Arbeitsphysiologische aspekte der Nacht-und Schichtarbeit. (Psycho-Occupational Aspects of Night and Shift Work). Arbeitsmedizin, Sozialmedizin, Arbeitshygiene, 2:17-23, 1967.
1017. Rutenfranz, J.: Arbeitsmedizinische Erwartungen an die Ergonomie. In W. Brenner, W. Rohmert, and J. Rutenfranz (Eds.), Ergonomische Aspekte der Arbeitsmedizin. Stuttgart: A. W. Gentner Verlag, pp. 31-37, 1976.
1018. Rutenfranz, J.: Arbeitsmedizinische Gesichtspunkte zum Problem der Schichtwechselperiodik. In J. Rutenfranz and R. Singer (Eds.), Aktuelle Probleme der Arbeitsumwelt. Stuttgart: A. W. Gentner Verlag, pp. 61-68, 1971.
1019. Rutenfranz, J.: Arbeitsphysiologische und arbeitspsychologische Hirweise zur Gestaltung von Schichtplanen (Physiological and Psychological Recommendations for Planning Shiftwork), Arbeitsmedizin-Sozialmedizin-Praventivmedizin, 10(10):197-200, 1975.
1020. Rutenfranz, J.: Desynchronization of Different Physiological Functions During 3-Weeks of Experimental Night Shift with Limited and Unlimited Sleep. International Journal of Chronobiology, 3:2, 1975.

1021. Rutenfranz, J.: Night Work. In the Encyclopaedia of Occupational Health and Safety, Geneva: ILO, Vol. 1:934-935, 1971.
1022. Rutenfranz, J.: Occupational-Medical Perspectives on the Problems of Periodic Shift Alternation. Lecture at the 10th Congress, German Society for Occupational Medicine, Giessen 30, 1970.
1023. Rutenfranz, J.: Probleme den Schachtarbeit. (Problems of Shiftwork). Werksarztliches, Nr 2/3:1-27, 1971.
1024. Rutenfranz, J.: Riskofaktur Nacht-und Schichtarbeit. (Risk Factor of Night and Shift Work). Medizinische Klinik, 69:12-16, 1974.
1025. Rutenfranz, J.: Schichtarbeit und biologische Rhythmik. Arzneimittel-Forschung Drug Research, 28:1867-1872, 1978.
1026. Rutenfranz, J.: Shift Work in Continuous Production Processes. Forschungsbericht No. 141, Dortmund-Marten, Germany, 1975.
1027. Rutenfranz, J., and W. Colquhoun: The Scientific Committee on Shiftwork: A Short Account of its History, Aims and Achievements. In A. Reinberg, N. Vieux, and P. Andlauer (Eds.), Night and Shift Work: Biological and Social Aspects. New York: Pergamon Press, pp. 11-12, 1981.
1028. Rutenfranz, J., and T. Hettinger: Die physiologischen Folgen einer raschen Änderung der Ortszeit durch übersee - Luftreisen für die Leistungsfähigkeit von Sportlern. Sportarzt und Sportmedizin, 8:195, 1957.
1029. Rutenfranz, J., and P. Knauth: Investigation of the Problems Concerning Influences upon the Sleep of Shift Workers. Studia Laboris et Salutis, 11:58-65, 1972.
1030. Rutenfranz, J., and P. Knauth: Untergliederung der Arbeitszeit durch Pausen. Arbeitsmedizin-Sozialmedizin-Arbeitshygiene, Vol. 47, pp. 244-246, 1980.
1031. Rutenfranz, J., and R. Singer: Present-day Problems of the Work Environment-Problems of Night and Shift Work. Arbeitsmedizin-Sozialmedizin-Arbeitshygiene, 38:21-112, 1971.
1032. Rutenfranz, J., and E. Werner (Eds.): Schichtarbeit bei kontinuierlicher Produktion. (Shiftwork in Continuous Production Processes). Dortmund-Marten, Germany: Forschungsbericht, N. 141, 1975, Bundesanstalt für Arbeitsschutz und Unfallforschung.
1033. Rutenfranz, J., J. Aschoff and H. Mann: Investigations Concerning Reaction Time in Relation to Duration of Sleep and Time of Day. In A. Benson (Ed.), Rest and Activity Cycles for the Maintenance of Efficiency of Personnel Concerned with Military Flight Operations. No. AGARD-CP-74-70 pp. 2-1 to 2-3, 1970.
1034. Rutenfranz, J., F. Klimmer, and P. Knauth: Desynchronization of Different Physiological Functions During Three Weeks of Experimental Nightshift with Limited and Unlimited Sleep. In P. Colquhoun, S. Folkard, P. Knauth, and J.

Rutenfranz (Eds.), Experimental Studies of Shiftwork. Opiaden: Westdeutscher Verlag, pp. 74-77, 1975.

1035. Rutenfranz, J., P. Knauth, and D. Angersbach: Arbeitsmedizinische feststellungen zu befindlichkeitsstorungen und Erkrankungen bei Schichtarbeit. (Occupational Health Conclusions on Disturbances of Well-Being and Illness in Shift Work). Arbeitsmedizin-Sozialmedizin-Praventivmedizin, 15:32-40, 1980.
1036. Rutenfranz, J., P. Knauth, and D. Angersbach: Shift Work Research Issues. In L. Johnson, D. Tepas, W. Colquhoun, and M. Colligan (Eds.), Biological Rhythms, Sleep and Shift Work. New York: SP Medical and Scientific Books, pp. 165-196, 1981.
1037. Rutenfranz, J., P. Knauth, and W. Colquhoun: Hours of Work and Shift Work. Ergonomics, 19(3):331-340, 1976.
1038. Rutenfranz, J., H. Mann, and J. Aschoff: Circadianrhythmik physischer und psychischer Funktionen bei 4-Stundigem Wachwechsel auf einmen Schiff. Studia Laboris et Salutis, 4:31-41, 1969.
1039. Rutenfranz, J., W. Colquhoun, P. Knauth, and J. Ghata: Biomedical and Psychosocial Aspects of Shift Work - A Review. Scandinavian Journal of Work, Environment, and Health, 3(4):165-182, 1977.
1040. Rutenfranz, J., P. Knauth, G. Hildebrandt, and W. Rohmert: Nacht-und Schichtarbeit von Triebfahrzeugfuhrern. 1. Mitteilung. Untersuchungen uber die tagliche Arbeitszeit und die ubrige Tagesaufteilung. International Archives fur Arbeitsmedizin, 32:243-259, 1974.
1041. Rzepecki, H.: Night Work and Shift Work IV. Changes in Performance of Psychological Tests During Work in Various Hours of the Day. Medycyna Pracy (Warsaw), 20:40-49, 1969.
1042. Sackett, L., M. Hans, W. Babb, E. Bixby and E. Hans: Cardiovascular and Temperature Adaptation to Phase Shift by Intercontinental Flight. Proceedings of the Mirnesota Academy of Science, p. 18, 1978.
1043. Saito, H.: Industrial Fatigue and Alternative Work Schedules. Journal of Japanese Medical Association, 56:924-940, 1966.
1044. Saito, H.: Shift Work. In, Occupational Health in Japan. Tokyo: Organizing Committee of the 16th International Congress on Occupational Health, pp. 152-161, 1969.
1045. Saito, Y.: The Effects of Night-And Shiftwork Upon Social Life of the Workers, Journal of Science of Labour, 57:243-256, 1981.
1046. Saito, Y., and K. Kogi: Psychological Conditions of Working Night and Subsequent Day Shifts With Short Sleep Hours Between Them. 4th International Symposium on Night and Shift Work (Abstract), Ergonomics, 21:871, 1978.
1047. Sakai, K. and Y. Takahashi: Driving and Subsidiary Behavior of Taxi Drivers

Working Alternate-Day Shifts. Journal of Human Ergology, 4:115-127, 1975.

1048. Saldivar, T., S. Hoffmann, and C. Melton: Sleep in Air Traffic Controllers. FAA Office of Aviation Medicine Report, No. AM 77-5, 1977.
1049. Sandborn, C., A. Currie, and C. Bailey: Shift Work: How to Adjust Patterns of Diabetes Care. Occupational Health Nursing, 30(12):25-8, 1982.
1050. Sanford, J., R. Steinkerkner, G. Cantrell, R. Trimble, and B. Hartman: Alertness, Fatigue, and Morale of Air Force Sentries. USAF School of Aerospace Medicine, Report No. SAM-TR 71-34, 1971.
1051. Sasaki, T.: Effect of Rapid Transposition Around the Earth on Diurnal Variation in Body Temperature. Proceedings of the Society for Experimental Biology and Medicine, 115:1129-1131, 1964.
1052. Sasaki, T., and S. Endo: Time Zone Change and Sleep. Jikeikai Medical Journal, 24:129-143, 1977.
1053. Sasaki, T., and S. Tsuzuki: Effect of Transmeridian Shift on the Digestive System. XIV International Conference of the International Society for Chronobiology (Abstract) Chronobiologia, 6:150, 1979.
1054. Sassin, J.: Shift Work and Health-Interdisciplinary Aspects: Discussion II. In P. Rentos and R. Shephard (Eds.), Shift Work and Health: A Symposium. Washington: U.S. Department of Health, Education, and Welfare (NIOSH), pp. 211-212, 1976.
1055. Sastre Hernandez, M., K. Vass, K. Fichte, and G. Pashelk: Problems of Drug-Therapy of Sleep Disturbances in Shift Workers. Medizinische Klinik (Munic), 77(8):269-271, 1982.
1056. Sato, S., and K. Takagi: Studies on the Effect of Shift Work on the Meal-Time (Part 3). Journal of Science and Labor, 48:283-287, 1972.
1057. Schaefer, K., J. Messina, and E. Hans: Circadian Periodicity Changes in Physiological Factors on an 18-hour Work/Rest Cycle During a Nuclear Submarine Patrol. Abstracts of the XV International Conference of the International Society for Chronobiology, International Journal of Chronobiology, 7:307, 1981.
1058. Schaefer, K., C. Kerr, D. Buss, and E. Haus: Effects of 18-H Watch Schedules on Circadian Cycles of Physiological Functions During Submarine Patrols. Under Sea Biomedical Research Supplement, 16:581-590, 1979.
1059. Schaffler, K., and H. Renemann: Sleep Disturbances of Cockpit Personnel After Transmeridian Long Distance Flights. Medizinische Klinik, 71:1985-1995, 1976.
1060. Schaffler, K., W. Ehrenstein, W. Muller-Limmroth and C. Thebaud: Psychopharmacological Influence on Day Sleep After Night Shift. Gegenbaurs Morphologisches Jahrbuch, Leipzig, 117:107-114, 1971.
- Kerner, J.: Man's Work and Circadian Rhythm Through the Ages. In A. Reinberg,

N. Vieux, P. Andlauer (Eds.), Night and Shift Work: Biological and Social Aspects. New York: Pergamon Press, pp. 1-10, 1981.

1062. Schellenberg, V.: Development and Social Problems of Industrial Shift Work, Particularly in Switzerland. Dissertation, St. Gallen Advanced School of Economics and Sociology, 1967.
1063. Schenk, S., and L. Willms: Empirische untersuchungen zur beanspruchung von Triebfahrzeugfuhrern der Deutschen Reichsbahn als Voraussetzung fur die Optimierung der Diensplangestaltung. (Empirical Examinations of the Stresses and Strains to Which Drivers of Railway-Motor Trains of the Deutsche Reichsbahn are Exposed with a View to Optimizing the Duty Schedule). Zeitschrift Gesamte Hygiene. 26:634-638, 1980.
1064. Scheving, L., and F. Halberg (Eds.): Chronobiology: Principles and Applications to Shifts in Schedules. Netherlands: Sijthoff and Noordhoff, 1980.
1065. Scheving, L., E. Kanabrocki, R. Brewer, T. Bird, and J. Pauly: Chronobiology and How it Might Apply to Problems of Shift Work: Discussion I. In P. Rentos and R. Shephard (Eds.), Shift Work and Health: A Symposium. Washington: U.S. Department of Health, Education, and Welfare (NIOSH), pp. 118-139, 1976.
1066. Schmid, B.: Zur Psycho-Vegetativen Belastung durch Schichtarbeit und Akkordarbeit. Arbeitsmedizin, Sozialmedizin, Arbeitshygiene, 6:263-265, 1971.
1067. Schmidt-Amelung, J.: Auswirkungen von zwei Transatlantic flugen in rascher Folge auf die Tagesrhythmik in der Ausscheidung von 17-Hydroxicorticosteroiden und Catecholaminen. Bad Godesburg, West Germany: Deutsche Forschungs- und Versuchsansfalt fuer Luft- und Raumfahrt, Institute for Flugmedizin, Report No. 74-36, 1974.
1068. Schubert, I.: Social and Neuropsychiatric Examinations of Shift Workers. Psychiatrie Neurologie Medizinische Psychologie, 16(2):55-60, 1964.
1069. Schunck, K.: Ein neues Schichtsystem in seiner Auswirkung auf den Krankenstand, das Unfallgeschehen und die Freizeitgestaltung. Das Deutsche Gesundheitswesen Zeitschrift fur Medizin, 13:1092-1095, 1958.
1070. Schurmann, D., and P. Muller-Seitz: Einige empirische untersuchungsergebnisse uber Schichtarbeitsprobleme in arbeitshygienischer Sicht. Zentralblatt fur Arbeitsmedizin und Arbeitsschutz, 19:321-323, 1969.
1071. Schurmann, D., and P. Muller-Seitz: Empirische Ergebnisse zur Beurteilung arbeitsmedizinischer Fragen der Industriellen Schichtarbeit durch Sozialpartner und Unfallversicherungstrager. Zentralblatt fur Arbeitsmedizin und Arbeitsschutz, 24:229-233, 1974.
1072. Seibt, A., U. Dohling, G. Friedrichsen, J. Rohner, and W. Werner: Schichtarbeit aus der Sicht des Betriebsgesundheitswesens. (Shift Work from the Viewpoint of the Occupational Health Service). Zeitschrift Gesamte Hygiene, 25:755-760, 1979.

1073. Sekiguchi, C., O. Yamaguchi, T. Kitajima, and Y. Ueda: Effects of Rapid Round Trips Against Time Displacement on Adrenal Cortical-Medullary Circadian Rhythms. Aviation Space and Environmental Medicine, 47:1101-1106, 1976.
1074. Sekyrova, M.: Frauenschichtarbeit und deren Einfluss auf die Fluktuation Erkrankungen. 15th Internationaler Kongress fur Arbeitsmedizin, 4:91-93, 1966.
1075. Sen, R., and M. Kar: Circadian Rhythms in Some Groups of Indians Working in Shifts. Journal of Human Ergology, (Tokyo) 7:65-79, 1978.
1076. Sensi, S., F. Capain, R. Fuciarelli, T. Guagnano, and M. Iezz: Circadian Rhythms in Performance, Oral Temperature, Blood Pressure and Fusion Critical Frequency of Retinal Vision After Eastward and Westward Transmeridian Flights. XV International Conference of the International Society for Chronobiology (Abstract), International Journal of Chronobiology, 7:314, 1981.
1077. Sergeant, R.: A Note on Current Trends in the Arrangement of Working Hours in the U.K. In W. Colquhoun (Ed.), Aspects of Human Efficiency. London: English University Press, pp. 283-288, 1972.
1078. Sergeant, R.: Living with Shifts. Industrial Society, 56:9-10, 1974.
1079. Sergeant, R.: Managing Shift Work. London: Gower Press, 1971.
1080. Sergeant, R., and J. Brierly: Absence and Attendance Under Non-Continuous Three-Shift Systems of Work. Nature, 219:536, 1968.
1081. Sergeant, R., D. Howell, P. Taylor, and S. Pocock: Compensation for Inconvenience: An Analysis of Shift Payments in Collective Agreements in the U.K. Occupational Psychology, 43:183-192, 1969.
1082. Sharp, G., S. Slorach, and H. Vipond: Diurnal Rhythms of Keto-and Ketogenic Steroid Excretion and the Adaptation to Changes of the Activity-Sleep Routine. Journal of Endocrinology, 22:377-385, 1961.
1083. Shephard, R., and P. Rentos: Closing Remarks. In P. Rentos and R. Shepard (Eds.), Shift Work and Health: A Symposium. Washington D. C.: U. S. Department of Health, Education and Welfare (NIOSH), pp. 258-259, 1976.
1084. Shephard, R., and J. Walker: Three Shift Working and the Distribution of Absence. Occupational Psychology, 30:105-111, 1956.
1085. Shift Work: A Selective Annotated Bibliography. Compiled and edited by P. Richards, University of Wales Institute of Science and Technology, 1976.
1086. Shiftwork: No Harm Done, Says Report, But is There? Industrial Management, pp. 16-19, 1979.
1087. Shiftwork: One Man's Meat. The Economist, Vol. 192, pp. 222-223, 1959.
1088. Shift Work Committee, Japan Association of Industrial Health: Opinion on Night and Shift Work. Journal of Science and Labour, 55:1-36, 1979.

1089. Shimmin, S.: Introducing Successful Shift Systems. Personnel and Training Management, 48:24-26, 1968.
1090. Shiozawa, M.: Overtime and Nightwork Provisions for Women in the Labor Law (Letter). Journal of Human Ergology (Tokyo), 7:207-209, 1978.
1091. Shipley, P., and T. Cook: Human Factors Studies of the Working Hours of UK Ship's Pilots II. Survey of Work-Scheduling Problems and Their Social Consequences. Applied Ergonomics, 11:151-159, 1980.
1092. Shri Ram Centre for Industrial Relations: Human Problems of Shift Work-A Study of the Socio-Psychological Processes in Worker Adjustment to Shift Work in Industry. New Dehli: New India Press, 1970.
1093. Siegel, P., S. Gerathewohl, and S. Mohler: Time Zone Effects: Disruption of Circadian Rhythms Poses a Stress on the Long-Distance Air Traveler. Science, 164:1249-1255, 1969.
1094. Silion, I., G. Stavri, L. Antoniu, A. Calugr, C. Galesanu, and S. Dimofte: La desadaptation des tisserandes au travail en trois equipes a rotation hebdomadaire. (Romania) Revista Medico-Chirurgicala a Societatii de Medici si Naturalisti din Iasi, 85:95-98, 1981.
1095. Simard, M.: Conditions de travail et sante des travailleurs: Le cas du regime rotatif de travail. Sociologie et Societes (Montreal), 9:93-106, 1977.
1096. Simpson, H.: The Human Circadian System and Aerospace Travel. In L. Scheving, F. Halberg and J. Pauly (Eds.), Chronobiology, Tokyo: Igaku Shoin, p.448-450, 1974.
1097. Simpson, H., N. Bellamy, J. Bohlen, and F. Halderg: Double Blind Trial of a Possible Chronobiotic (Quladon). International Journal of Chronobiology, 1:287-311, 1973.
1098. Simulescu, C., and G. Nistor: Creterii de apreciere a adaptarii la munca in schimburi. Viata Medicala Medii Sanit (Romania), 28:253-256, 1980.
1099. Skol'nikov, B., V. Sahnarovic, A. Goncareno, and V. Rotenberg: Vlijanie smennoj raboty s neuporjadocennym rezimom truda i otdyha na nekotorye ob ektivnye pokazateli sna. (Russian) (Influence of Shift Work with Irregular Work-Rest Schedule on Objective Indices of Sleep). Gigiena truda i professional'nye zabolevaniya, No. 7, p. 18-21, July, 1977.
1100. Sloane, P.: Arrangement of Working Time and Social Problems Connected with Shift Work in the U.K. ILO Symposium on Arrangement of Working Time and Social Problems Connected with Shift Work in the U.K. Doc. No. ILO-SWTSW/1977/D.12, Geneva, 1977.
1101. Sloane, P.: Economic Aspects of Shift and Night Work in Industrialised Market Economies. International Labour review (Geneva), 117:129-142, 1978.
1102. Smart, R.: Drinking Problems Among Employed, Unemployed and Shift Workers.

Journal of Occupational Medicine, 21:731-736, 1979.

1103. Smith, M., and H. Vernon: A Study of the Two-Shift System in Certain Factories. In Medical Research Council, Industrial Fatigue Board, Two Studies on Hours of Work, Report No. 47, London, HMSO.
1104. Smith, M., M. Colligan, and D. Tasto: A Questionnaire Survey Approach to the Study of the Psychosocial Consequences of Shiftwork. Behavior Research Methods and Instrumentation, 11:9-13, 1979.
1105. Smith, M., M. Colligan, and D. Tasto: Health and Safety Consequences of Shift Work in the Food Processing Industry. Ergonomics, 25:133-144, 1982.
1106. Smith, P.: A Study of Circadian Rhythms of Body Temperature, Alertness, Activity, and Sleep in Different Groups of Industrial Shift Workers. Ph.D. thesis, Heriott-Watt University, Edinburgh, 1977.
1107. Smith, P.: A Study of Weekly and Rapidly Rotating Shiftworkers. International Archives of Occupational Environmental Health, 43:211-220, 1979.
1108. Smith, P.: Oral Temperature Rhythms in Two Groups of Industrial Shiftworkers. Studia Laboris et Salutis, 11:66-78, 1972.
1109. Smith, P.: Twenty-Four Hour Changes in Psychological Alertness in 3 Shift Workers. XIV International Conference of the International Society for Chronobiology (Abstract), Chronobiologia, 6:158, 1979.
1110. Smith, P., and Z. Wedderburn: Sleep, Body Rhythms and Shiftwork. Nursing (Oxford), 20:889, 1980.
1111. Smith, R.: Comparison of the Job Attitudes of Personnel in Three Air Traffic Control Specialties. Aerospace Medicine, 44:918-927, 1973.
1112. Smith, R., C. Melton, and J. McKenzie: Affect Adjective Checklist Assessment of Mood Variations in Air Traffic Controllers. Aerospace Medicine, 42:1060-1064, 1971.
1113. Smolensky, M.: The Chronoepidemiology of Occupational Health and Shift Work. In A. Reinberg, N. Vieux, and P. Andlauer (Eds.), Night and Shift Work: Biological and Social Aspects. New York: Pergamon Press, pp. 51-65, 1981.
1114. Solakova, S.: Trudove-Higienni Aspekti no Biologicnite Ritmi. Letopisi na Higienno-Epidemiologichna Sluzba, 10:49-54, 1978.
1115. Soloveva, L.: Diurnal Rhythm of Metabolic Processes in Subway Operators on Night Shifts. (Russian). Voprosy Pitaniia, 20:11-15, 1961.
1116. Solovieva, V., and G. Gambashidze: Physiological Bases for the Planning of a Routine Schedule of Work and Rest for Persons Engaged in Night Shift Work Exclusively. Gigiena Truda i Professional Nye Zabolevaniya (Moscow), 7:17-23, 1960.

1117. Solovieva, V., and G. Gambashidze: Physiological Peculiarities of the Work of Workers on Night Time Shifts. In Isslevodaniya po fiziologii Trudovykh Protseessov, Moscow: Medgiz pp. 147-155, 1962.
1118. Sonderfeld, A.: Die Einfluss der Tageszeit der Reise auf die De-und Re-synchronization der Tagesrhythmik der Korpertemperature nach Transatlantik-flugen. Bonn-Bad Godesburg, West Germany: Deutsche forschungs-und Versuchsanstalt fuer Luft-und Raumfahrt, Institute fur Flugmedizin, Report No. DLR-FB-77-10, 1977.
1119. Sorokin, A., and D. Gralimova: Sutochnye ritmy fiziologicheskikh funktsii pri smennoi rabote na proizvodstve. (Daily Rhythms of Physiological Functions During Shift Work). Akademiia Nauk Kirgizskoi SSR, Izvestiia. Nov-Dec., pp. 41-45, 1981.
1120. Spencer, C.: Employee Attitudes to Shift Work. Personnel Practice Bulletin, 26:25-33, 1970.
1121. Spitzer, H.: Arbeitszeit und Schichtverteilung. Zabolevaniya Arbeitswiss, 11:106, 1957.
1122. Sprusinska, E., and K. Pawlowska-Skyba: Sleep Time and Rest Possibilities in Women Employed at Different Shift Systems. Medycyna Pracy, 27:367-376, 1976.
1123. Staack, K.: Differences Between Military and Commercial Aircrews Rest and Activity Cycles. In A. Benson (Ed.), Rest and Activity Cycles for the Maintenance of Efficiency of Personnel Concerned with Military Flight Operations. AGARD Conference Proceedings, No. 74 (AGARD-CP-74-70) pp. 8-1 to 8-4, 1970.
1124. Stary, D.: Ispitivanje povezanosti radnih smjena i nezgoda pri radu u nekim jugoslavenskim poduzecima. (Investigation Into the Relationship of Work Shifts and Occupational Accidents in a Number of Yugoslavia Undertakings). Segurnost, 15(1):70-79, 1973.
1125. Stavri, G., I. Sillion, L. Antoniuc, A. Calugar, and S. Dimofte: L'adaptation "de duree" des tissirandes au Travail en trois equipes a rotation hebdomadaire. (Long Term Adaptation of Weavers to 3-Shift Work With Weekly Rotation). Revista Medico-Chirurgicala a Societatii de Medici si Naturalisti din Iasi, (Romania) 85:89-93, 1981.
1126. Stein, A.: Observations on the Problem of Night and Shift Work Caused Stress on Working Women. Dissertation, Munich, 1963.
1127. Stepanova, S.: Effect of Transmeridianal Flights on the Human Body. Kosmicheskaya Biologiya Aviakosmicheskaya Meditsina, 8:3-12, 1974.
1128. Stone, B., and A. Nicholson: Studies on the Use of Hypnotics for Day-time and Night-time Sleep. Preprints of the Aerospace Medical Association Meeting, pp. 147-148, 1976.
1129. Strengers, T.: Influence des vols intercontinentaux sur les excretions urinaires de metabolites steroides. (The Influence of Intercontinental Flights on the

Urinary Excretion of Steroid Metabolites). Abstract in Archives des Maladies Professionnelles, 32:389, 1971.

1130. Strughold, H.: Circadian Rhythms: Aerospace-Medical Aspects. In H. Randelet (Ed.), Aerospace Medicine, 2nd Edition, Baltimore: Williams and Wilkins, pp. 47-55, 1971.
1131. Strughold, H.: Day-Night Cycling in Atmospheric Flight, Space Flight, and on Other Celestial Bodies. Annals of the New York Academy of Sciences, 98:1109-1115, 1962.
1132. Strughold, H.: Physiological Day-Night Cycle After Long Distance Flights. International Record of Medicine, 168:576-579, 1955.
1133. Strughold, H.: Physiological Day-Night Cycle in Global Flights. Journal of Aviation Medicine, 23:464-473, 1952.
1134. Strughold, H.: Temporal Coordination in Intercontinental Flights. Report of Ross Conference on Pediatric Research, 39:91, 1961.
1135. Strughold, H.: The Physiological Clock Across Time Zones and Beyond. Air University Review, 19:28-33, 1968.
1136. Strughold, H.: The Physiological Clock in Aeronautics and Astronautics. Annals of the New York Academy of Science, 134:413-422, 1965.
1137. Strughold, H.: Your Body Clock: Its Significance for the Jet Travelers. New York: Scribner's Sons, 1971.
1138. Suzuki, I., R. Nishizaki, and H. Saito: Biochemical Studies on the Effect of Long Term Night Shift I. On the Urinary Excretion of 17-Hydroxycorticosteroids and Na/K and Cl/Na Ratios of Urine. (English Summary) Journal of Science and Labor(Japan), 40:587-592, 1964.
1139. Swensson, A.: On Night and Shift Work. Stockholm, Sweden: National Institute of Occupational Health, 1970.
1140. Swensson, A. (Ed.): Proceedings of the Second International Symposium on Night and Shift Work. Studia Laboris et Salutis, Vol. 11, 1972.
1141. Swensson, A.: Spezielle gesundheitliche Gefährdung von Nacht-und Schichtarbeit, einschliesslich deren Vorbeugung. In J. Rutenfranz and R. Singer (Eds.), Aktuelle Probleme der Arbeitsumwelt, Stuttgart: A.W. Genter Verlag, pp. 45-60, 1971.
1142. Swensson, A.: The Importance of 24-HR Periodicity in Mental Performance. 15th International Congress on Occupational Health, Suppl. 1:157-160, 1960.
1143. Swensson, A.: The Swedish Investigation on Shift Workers. 5th Conference Society of Biological Rhythms, Stockholm, p. 60, 1955.
1144. Tabor, M.: Shift Work: Worth the Risks? Occupational Health and Safety,

51(4):42-8, 1982.

- 1145. Takagi, K.: Influence of Shift Work on Time and Frequency of Meal Taking. Journal of Human Ergology, 1:195-205, 1972.
- 1146. Takagi, K., and S. Koizumi: Studies on the Effect of Shift Work on the Meal-Time (Part 1). Journal of Science and Labor, 39:171-179, 1953.
- 1147. Takagi, K., and T. Masuda: Influence of Shift Work on Meal Taking on the Food Intake of Young Women. Journal of Science and Labor, 51:323-338, 1975.
- 1148. Takagi, K., S. Koizumi, and N. Takagi: Studies on the Effect of Shift Work on the Meal-Time (Part2). Journal of Science and Labor (Japan), 43:520-525, 1963.
- 1149. Tardy, Y.: Experimentation d'un travail poste 4x8. Archives des Maladies Professionnelles, 24:159-160, 1963.
- 1150. Tasto, D.: Social and Psychological Adjustment to Shift Work: Discussion I. In P. Rentos and R. Shepard (Eds.), Shift Work and Health: A Symposium. Washington: U.S. Department of Health, Education, and Welfare (NIOSH), pp. 151-153, 1976.
- 1151. Tasto, D., and M. Colligan: Shiftwork Practices in the United States. Washington: National Institute for Occupational Safety and Health, No. 77-148, 1977.
- 1152. Tasto, D., M. Colligan, E. Skjei, and S. Polly: Health Consequences of Shift Work, NIOSH Technical Report, 78-154, 1978.
- 1153. Taub, J.: Individual Differences in the Effects of Altered Sleep Duration and Sleep Period Time Displacements. 3rd European Congress on Sleep Research, Montpellier, pp. 406-408, 1976.
- 1154. Taub, J., and R. Berger: Acute Shifts in the Sleep-Wakefulness Cycle: Effects on Performance and Mood. Psychosomatic Medicine, 36:164-173, 1974.
- 1155. Taub, J., and R. Berger: Altered Sleep Duration and Sleep Period Time Displacements: Effects on Performance in Habitual Long Sleepers. Physiology and Behavior, 16:177-184, 1976.
- 1156. Taub, J., and R. Berger: Effects of Acute Shifts in Circadian Rhythms of Sleep and Wakefulness on Performance and Mood. In L. Scheving, F. Halberg, and J. Pauly (Eds.), Chronobiology, Stuttgart: G. Thierne, pp. 571-575, 1974.
- 1157. Taub, J., and R. Berger: Effects of Acute Sleep Pattern Alteration Depend Upon Sleep Duration. Physiological Psychology, 4(4):412-420, 1976.
- 1158. Taub, J., and R. Berger: Performance and Mood Following Variations in the Length and Timing of Sleep. Psychophysiology, 10:559-570, 1973.
- 1159. Taub, J., and R. Berger: Sleep Stage Patterns Associated with Acute Shifts in the Sleep-Wakefulness Cycle. Electroencephalography and Clinical Neurophysiology,

35:613-619, 1973.

- 1160. Taub, J., and R. Berger: The Effects of Changing the Phase and Duration of Sleep. Journal of Experimental Psychology: Human Perception and Performance, 2:30-41, 1976.
- 1161. Taylor, P.: Absenteeism. Science Journal (London), 6:26-31, 1970.
- 1162. Taylor, P.: Managerial and Social Implications of Shift Work. Paper presented at the ILO Symposium on Arrangement of Working Time and Social Problems Connected with Shift Work in Industrialised Countries, Doc. No. ILO-SWTSW/1977/D.4, Geneva, 1977.
- 1163. Taylor, P.: Shift and Day Work: A Comparison of Sickness Absence, Lateness, and Other Absence Behavior at an Oil Refinery From 1962 to 1965. British Journal of Industrial Medicine, 24:93-102, 1967.
- 1164. Taylor, P.: Shift Working. Personnel Management (London), Information Series 3, 1967.
- 1165. Taylor, P.: Shift Work - Some Medical and Social Factors. Transactions of the Society of Occupational Medicine, 20:127-132, 1970.
- 1166. Taylor, P.: The Effects of Shift Work on Worker Health. Industrial Medicine and Surgery, 42(8):13-19, 1973.
- 1167. Taylor, P.: The Problems of Shift Work. Journal of the Royal College of Physicians (London), 3:370-384, 1969. Also published in Studia Laboris et Salutis, 4:15-30, 1969.
- 1168. Taylor, P., and S. Pocock: Mortality of Shift and Day Workers 1956-1968. British Journal of Industrial Medicine, 29:201-207, 1972.
- 1169. Taylor, P., S. Pocock, and R. Sergeant: Absenteeism of Shift and Day Workers: A Study of Six Types of Shift System in 29 Organizations. British Journal of Industrial Medicine, 29:208-213, 1972.
- 1170. Taylor, P., S. Pocock, and R. Sergeant: Shift and Day Workers' Absence: Relationship with some Terms and Conditions of Service. British Journal of Industrial Medicine, 29:338-340, 1972.
- 1171. Tejmar, J.: Shift Work Round the Clock in Supervision and Control. Schedules of Rewarded and Unrewarded Time. Applied Ergonomics, 7:66-74, 1976.
- 1172. Tepas, D.: Methodological Pitfalls of Shift Work Research: Discussion. In P. Rentos and R. Shepard (Eds.), Shift Work and Health: A Symposium. Washington: U.S. Department of Health, Education, and Welfare, pp. 218-228, 1976.
- 1173. Tepas, D.: Special Section: Methodological Approaches to the Study of Shiftwork, Introduction. Behavior Research Methods and Instrumentation, 11:3-4, 1979.
- 1174. Tepas, D.: Work/Sleep Time Schedules and Performance. In W. Webb (Ed.),

Biological Rhythms, Sleep, and Performance. New York: J. H. Wiley and Sons, pp. 175-204, 1982.

1175. Tepas, D., J. Walsh, and D. Armstrong: Comprehensive Study of the Sleep of Shift Workers. In L. Johnson, D. Tepas, W. Colquhoun, and M. Colligan (Eds.), Biological Rhythms, Sleep, and Shift Work. New York: SP Medical and Scientific Books, pp. 347-356, 1981.
1176. Tepas, D., J. Walsh, P. Moss, and D. Armstrong: Polysomnographic Correlates of Shift Worker Performance in the Laboratory. In A. Reinberg, N. Vieux, and P. Andlauer (Eds.), Night and Shift Work: Biological and Social Aspects. New York: Pergamon Press, pp. 179-186, 1981.
1177. Thege, A.: The Importance of Work Hours from the Point of View of the Development of Stomach Diseases and Ulcers in Miners. Archives des Maladies Professionnelles, 24:133-134, 1963.
1178. Theorell, T. and T. Akegstedt: Day and Night Work: Changes in Cholesterol, Uric Acid, Glucose and Potassium in Serum and in Circadian Patterns of Urinary Catecholamine Excretion. Acta Medicine Scandinavia, 200:47-53, 1976.
1179. Thierry, H.: Compensation for Shift Work: A Model and Some Results. In L. Johnson, D. Tepas, W. Colquhoun, and M. Colligan (Eds.), Biological Rhythms, Sleep and Shift Work. New York: SP Medical and Scientific Books, pp. 307-324, 1981.
1180. Thierry, H.: Reducing Unfavorable Shift Work Attitudes and Effects: A Motivational Model. 4th Yugoslav Congress of Occupational Medicine, 1975.
1181. Thierry, H.: Shift Work Inconveniences. Final Report on 1979 to the European Foundation for the Improvement of Living and Working Conditions, Dublin, 1980.
1182. Thierry, H., and G. Hoolwerf: The Dynamics of Compensation: Does the Degree of Application of Shiftwork Have any Impact? 6th Congress of the International Ergonomics Association, Maryland, 1976.
1183. Thierry, H., and B. Jansen: Potential Interventions for Compensating Shift Work Inconveniences. In A. Reinberg, N. Vieux, and P. Andlauer (Eds.), Night and Shift Work: Biological and Social Aspects. New York: Pergamon Press, pp. 251-259, 1981.
1184. Thierry, H., G. Hoolwerf, and P. Drenth: Attitudes of Permanent Day and Shift Workers Toward Shiftwork - A Field Study. In W. Colquhoun, B. Folkard, P. Knauth, and J. Rutenfranz (Eds.), Experimental Studies of Shiftwork. Opladen: Westdeutscher Verlag, pp. 213-231, 1975.
1185. Thiis-Evenson, E.: Shift Work and Health. Industrial Medicine and Surgery, 27:493-497, 1958.
1186. Thiis-Evenson, E.: Shift Work and Health. Studia Laboris et Salutis, 4:81-83, 1969.

1187. This-Evenson, E.: Shift Work and Health (Report of the Expert Committee of CIPPMT). Proceedings of the 12th International Congress on Occupational Health, Vol. 1:97-105, 1957.
1188. This-Evenson, E.: Skiftarbeid. Medinsk Arborg, 3:229-243, 1963.
1189. This-Evenson, E.: Skiftarbeid og Helse. Nordisk Hygienisk Tidsskrift, 3:297-312, 1951.
1190. This-Evenson, E.: Skiftarbeid og Magesarsykdom. Ulcusssykdom hos dagog skiftarbeidere. Nordisk Hygienisk Tidsskrift, 3-4:69-77, 1953.
1191. Thomas-Esperandieu, A., J. Ronsin, and A. Renaud-Tirolle: Contribution a l'etude des repercussions medicales du travail en equipes alternantes. Annales Medicales de Nancy, 119:83-84, 1980.
1192. Thor, D.: Sleep and Wakefulness in a Group of Shift Workers. British Journal of Industrial Medicine, 26:54-58, 1969.
1193. Tilley, A., R. Wilkinson, and M. Drud: Night and Day Shifts Compared in Terms of the Quality and Quantity of Sleep Recorded in the Home and Performance Measured at Work: A Pilot Study. In A. Reinberg, N. Vieux, and P. Andlauer (Eds.), Night and Shift Work: Biological and Social Aspects. New York: Pergamon Press, pp. 187-196, 1981.
1194. Tilley, A., R. Wilkinson, P. Warren, B. Watson, and M. Drud: The Sleep and Performance of Shift Workers. Human Factors, 24:629-641, 1982.
1195. Tooraen, L.: Physiological Effects of Shift Rotation on ICU Nurses. Nursing Research, 21:398-405, 1972.
1196. Torsvall, L., and T. Akerstedt: A Diurnal Scale. Construction Consistency and Validation in Shift Work. Scandinavian Journal of Work and Environmental Health, 6:283-290, 1980.
1197. Torsvall, L., and T. Akerstedt: Shiftwork and Diurnal Type. Chronobiologica, 6(2):163-164, 1979.
1198. Torsvall, L., and T. Akerstedt: Shiftwork and Diurnal Type: A Questionnaire Study. XIV International Conference of the International Society for Chronobiology (Abstract), Chronobiologia, 6:163, 1979.
1199. Torsvall, L., and T. Akerstedt: Summary of a Longitudinal Study of Shift Work Effects on Well-Being. Report from the Laboratory for Clinical Stress Research (Stockholm), No. 92B, 1978.
1200. Torsvall, L., T. Akerstedt, and M. Gillberg: Age, Sleep, and Irregular Work Hours: A Field Study with EEG Recording, Catecholamine Excretion, and Self Ratings. Scandinavian Journal of Work and Environmental Health, 7:196-203, 1981.
1201. Tsaneva, N., and M. Dalvea: Field Study of the Diurnal Changes of the Adrenal System. In P. Colquhoun, S. Folkard, P. Knauth, and J. Rutenfranz (Eds.),

Experimental Studies of Shiftwork. Opladen: Westdeutscher Verlag, pp. 206-212, 1975.

1202. Tsaneva, N., and G. Ganchev: Fiziologichni izmenenija pri smenna rabota pri tekstilni rabotnici. Trudove NIOTPZ, 7:1-9, 1960.
1203. Tsaneva, N., and G. Ganchev: Varhu njakoi promeni vav visata nervna dejnost i zritelniya analizator pri rabota na pulta nu upravlinije. Trudove NIOTPZ, 9:3-11, 1962.
1204. Tsaneva, N., E. Dincheva, and N. Stojanova: Changes in Working Capacity at Night. Estimation of Maximum Working Capacity. Studia Laboris et Salutis, 11:79-86, 1972.
1205. Tsaneva, N., E. Dincheva, S. Dounev, I. Hadjiolova, and M. Daleva. Physiological and Biochemical Changes During Morning and Afternoon Shifts. 4th International Symposium on Night and Shift Work (Abstract), Ergonomics, 21:873, 1978.
1206. TUC: Overtime and Shiftworking: A Guide for Negotiators. Trades Union Congress, London, 1973.
1207. Tune, G.: A Note on the Sleep of Shift Workers. Ergonomics, 11:183-184, 1968.
1208. Tune, G.: Sleep and Wakefulness in a Group of Shift Workers. British Journal of Industrial Medicine, 26:54-58, 1969.
1209. Tune, G.: The Human Sleep Debt. Science Journal, 4:67-71, 1968.
1210. Ulich, E.: Bemerkungen zur Frage der Adaptation an Schicht-und/oder Nachtarbeit. Studia Laboris et Salutis, 4:108-111, 1969.
1211. Ulich, E.: Die besonderen Probleme der Schicht-und Nachtarbeit bei weiblichen Arbeitnehmern. Psychologie der Deutschen Sporthochschule Koln, pp. 87-93.
1212. Ulich, E.: Schicht-und Nachtarbeit im Betrieb. (Shift and Night Work in Industry). Koln: Westdeutscher Verlag, 1964.
1213. Ulich, E.: Spezielle Probleme der Nacht-und Schichtarbeit bei Frauen. 14th International Congress for Applied Psychology, Copenhagen, 1961.
1214. Ulich, E.: Zur Frage der Belastung des arbeitenden Menschen durch Nacht-und Schichtarbeit. (On the Problem of the Stressing of Workers by Night and Shift Work). Psychologische Rundschau, 8:42-61, 1957.
1215. Ullner, R., J. Kugler, F. Torres, and F. Halberg: Nachtschlafzyklen nach Interkontinentelflugen. In G. Hildebrandt (Ed.), Biologische Rhythmen und Arbeit. New York: Springer Verlag, pp. 81-89, 1976.
1216. Ullsperger, P., H. Gille, E. Otto, M. Pietschmann, and B. Weickmann: Sravnitel'noe izuchenie nekotrykh fiziologicheskikh pokazatelei pri ofsenke funktsional'nogo sostoiania u meditsinskikh sester. (Comparative Study of

Several Physiological Parameters in the Evaluation of Functional Condition in Nurses). Gigiena Truda i Professional'nye Zabolevaniia, pp. 23-27, July, 1981.

1217. Umanskiy, S., Y. Kristyukhan and I. Saydasheva: Pattern of Urokinase Excretion by Workers on Different Shifts. Gigiena i Sanitarija, 38:96-97, 1973.
1218. Vaceva, D.: Cycle Hebdomadaire de la Morbidite avec Incapacite Temporaire en Travail Poste. Folia Medica (Plovdiv), f.vi:383-388, 1966.
1219. Vaceva, D.: Horaires de Travail et Absenteisme Pour Maladie. Folia Medica (Plovdiv), fiii:165-171, 1966.
1220. Vaceva, D.: Social-Hygienic Problems of the Shift and Night Work and Possibility for Their Best Solution. Studia Laboris et Salutis, 11:87-92, 1972.
1221. Van Loon, J.: Diurnal Body Temperature Curves in Shift Workers. Ergonomics, 6:267-273, 1964.
1222. Van Loon, J.: Enkele fysiologische aspecten van het werken in Ploegendienst. Mens en Onderneming (Dutch), 12:347-356, 1958.
1223. Van Loon, J.: Enkele psychologische aspecten van Ploegenarbeid. (Psychological Aspects of Shift-Working). Mens en Onderneming, 12:357-365, 1958.
1224. Van Loon, J.: The Diurnal Rhythm of Body Temperature in Nightworkers (Proceedings of the Netherlands Society for Physiology and Pharmacology). Acta Physiologica Pharmacologica Neerlandica, 8:302, 1959.
1225. Vasilev, V.: Excretion of Catecholamines and their Precursor Dopa in Daytime and Night During Performance of Dispatcher's Work. Gigiena Truda i Professional'nye Zabolevaniya, No. 2:6-11, 1974.
1226. Vasilev, V., A. Kikolov, T. Brodskaja, and E. Matina: Catecholamine Excretion During Day and Night Shifts in Chief Railway Switchmen. Gigiena Truda i Professional'nye Zabolevaniya, 1:, No.7, 1974.
1227. Vassileva, M.: Functional Changes During Shift Work in Railway Transport. Studia Laboris et Salutis, 11:93-95, 1972.
1228. Verhaegen, P., A. Massen, and A. Meers: Health Problems in Shiftworkers. In L. Johnson, D. Tepas, W. Colquhoun, and M. Colligan (Eds.), Biological Rhythms, Sleep and Shift Work. New York: SP Medical and Scientific Books, pp. 271-282, 1981.
1229. Vering, F.: Einfluss der Tag-und Nachtschicht auf den Arbeiter. Wiener Medizinische Wochenschrift, 100:652-655, 1950.
1230. Verstraete, J.: Les Consequences medico-sociales du travail poste. (Medical and Social Consequences of Shift Work). University de Paris VII, MD Thesis, Faculte de medecine Lariboisiere - Saint-Louis, Paris, France, 1979.
1231. Vieux, N.: Evolution of Shift-Work in a French Oil Refinery. In A. Reinberg, N.

Vieux, and P. Andlauer (Eds.), Night and Shift Work: Biological and Social Aspects. New York: Pergamon Press, pp. 13-15, 1981.

1232. Vieux, N., D. Carre, P. de Mones: Le travail en quarts continus dans une raffinerie de petrole (1). Archives des Maladies Professionnelles, 24:139-143, 1963.
1233. Vieux, N., J. Ghata, A. Laporte, C. Migraine, A. Nicolai, and A. Reinberg: Adjustment of Shift Workers Adhering to a Three-to Four-Day Rotation (Study 2). Chronobiologia, Vol. 6, Suppl.:37-42, 1979.
1234. Villiger, A.: Development and Social Problems of Industrial Shiftwork, Particularly in Switzerland. Dissertation, (Winterthur, Verlag Hans Schellenberg), 1967.
1235. Vinit, F., G. Ract, and M. Audollent: Survey of Shift Workers in the Synthetic Textile Industry. Bulletin de L'Institut National D'Hygiene, Vol. 19, 1964.
1236. Vinogradova, O., G. Sorokin and N. Khavkina: A Complex Study into the Strenuousness of Night-Shift Work Done by Dockworkers (Russian). Gigiena Truda I Professional' nye Zabolevaniya, 2:5-8, 1975.
1237. Vokac, Z.: Apparent and True Phase-Shifts of Circadian Rhythms After a Transmission Flight. Presented at the 8th Congress of the International Ergonomics Association, Tokyo, 1982 (Abstract), 25:482. 1982.
1238. Vokac, Z., and T. Bakka: Continuous Recording of Rectal Temperature and Heart Rate in Field Studies. XIV International Conference of the International Society for Chronobiology (Abstract), Chronobiologia, 6:168, 1979.
1239. Vokac, Z., and N. Hjeltnes: Core-Peripheral Heat Redistribution During Sleep and its Effect on Rectal Temperature. In A. Reinberg, N. Vieux, and P. Andlauer (Eds.), Night and Shift Work: Biological and Social Aspects. New York: Pergamon Press, pp. 109-115, 1981.
1240. Vokac, Z., and K. Rodahl: A Field Study of Rotating and Continuous Night Shifts in a Steel Mill. In W. Colquhoun, S. Folkard, P. Knauth, and J. Rutenfranz (Eds.), Experimental Studies of Shiftwork. Opladen: Westdeutscher Verlag, pp. 168-173, 1975.
1241. Vokac, Z., N. Gundersen, P. Magnus, and E. Jebens: Serial Section Analysis of Exogenous Influences on Overt RHT Rhythms in Rapid Shift Rotation. XV International Conference of the International Society for Chronobiology (Abstract), International Journal of Chronobiology, 7:343, 1981.
1242. Vokac, Z., P. Magnus, E. Jebens, and T. Bakka: A Field Study of Circadian Patterns in a Continuous 6-H Shift. XIV International Conference of the International Society for Chronobiology (Abstract), Chronobiologia, 6:168, 1979.
1243. Vokac, Z., P. Magnus, E. Jebens, and N. Gundersen: Apparent Phase-Shifts of Circadian Rhythms (Masking Effects) During Rapid Shift Rotation. International Archives of Occupational and Environmental Health, 49(1):53-65, 1981.

1244. Vokac, Z., N. Gundersen, P. Magnus, E. Jebens, and T. Bakka: Circadian Rhythmicity of the Urinary Excretion of Mercury, Potassium and Catecholamines in Unconventional Shift-Work Systems. Scandinavian Journal of Work Environment and Health, 6:188-196, 1980.
1245. Vokac, Z., N. Gundersen, P. Magnus, E. Jebens, and T. Bakka: Circadian Rhythm of Urinary Excretion of Mercury. In A. Reinberg, N. Vieux, and P. Andlauer (Eds.), Night and Shift Work: Biological and Social Aspects. New York: Pergamon Press, pp. 425-431, 1981.
1246. Vrancianu, R., V. Filcescu, V. Ionescu, P. Groza, J. Persson, R. Kadefors, and I. Petersen: The Influence of Day and Night Work on the Circadian Variations of Cardiovascular Performance. European Journal of Applied Physiology, 48:11-23, 1982.
1247. Wachholder, K.: Uber die Notwendigkeit und die Moglichkeit besonderer gesundheitlicher Fursorge fur Nachtschichtarbeiter. Das Deutsche Gesundheitswesen, 6:685-690, 1951.
1248. Wade, L.: A "Human Relations" Approach to Sickness, Absenteeism and Other Employee Problems. A.M.A Archives of Industrial Health, 12:592-608, 1955.
1249. Wahlberg, I., and I. Astrand: Physical Work Capacity During the Day and at Night. Work-Environmental-Health, 10:65-68, 1973.
1250. Wakisaka, I., and T. Ito: Influence of Shift upon the Mental and Physical Functions. Showa. Medicine Journal, 22:459-464, 1963.
1251. Waldin, A.: Management Factors in Reducing Air Traffic Controller Stress. Proceedings of the International Society of Aeronautics and Astronautics Symposium on Air Traffic Control, Stockholm, pp. 321-328, 1969.
1252. Walford, J., B. Lammers, R. Schilling, D. van der Hoven Van Genderen, and Y. Van Der Veen: Diurnal Variation in Ventilatory Capacity: An Epidemiological Study of Cotton and Other Factory Workers Employed on Shift Work. British Journal of Industrial Medicine, 23:142-148, 1966.
1253. Walker, J.: Frequent Alteration of Shifts on Continuous Work. Occupational Psychology, 40:215-225, 1966.
1254. Walker, J.: Pressures Leading to Changes in the Arrangement of Shift Systems. 4th International Symposium on Night and Shift Work (Abstract), Ergonomics, 21:870, 1978.
1255. Walker, J.: Shift Changes and Hours of Work. Occupational Psychology, 35:1-9, 1961.
1256. Walker, J.: The Human Aspects of Shift Work. London: Institute of Personnel Management, 1978.
1257. Walker, J., and G. De la Mare: Absence From Work in Relation to Length and Distribution of Shift Hours. British Journal of Industrial Medicine, 28:36-44,

1971.

1258. Wall, L.: Survey of Shift Work. Personnel Practice Bulletin, 11:53-60, 1955.
1259. Walsh, J., C. Stock, and D. Tepas: The EEG Sleep of Workers Frequently Changing Shifts. (Abstract) Sleep Research, 7:314, 1978.
1260. Walsh, J., D. Tepas, and P. Moss: The EEG Sleep of Night and Rotating Shift Workers. In L. Johnson, D. Tepas, W. Colquhoun, and M. Colligan (Eds.), Biological Rhythms, Sleep and Shift Work. New York: SP Medical and Scientific Books, pp. 371-382, 1981.
1261. Walsh, J., G. Gordon, J. Maltese, W. McGill, and D. Tepas: Laboratory and Field Interview Methods for the Study of Shiftworkers. Behavior Research Methods and Instrumentation, 11:18-23, 1979.
1262. Wasiliew, J., L. Zimnickaja, E. Skljarczyk, K. Smirnov, B. Filipov, S. Chitun, and A. Szatalov: O sutochnom ritmo rabotosposobnosti cheloveka. Fiziologicheskii Zhurnal, 43:817, 1957.
1263. Wasserman, D.: A Theory of Biological Cell Resonance and its Relationship to Health and Occupational Shift Work. In P. Rentos and R. Shepard (Eds.), Shift Work and Health: A Symposium. Washington: U.S. Department of Health, Education, and Welfare (NIOSH), pp. 263-269, 1976.
1264. Watson, S.: Employers Report Few Swing Shift Ills. Business Institution, 14:32-33, 1980.
1265. Webb, W. (Ed.): Biological Rhythms, Sleep, and Performance. New York: John H. Wiley and Sons, 1982.
1266. Webb, W.: In Pursuit of the Shiftworker: A Discussion of Methodologies. Behavior Research Methods and Instrumentation, 11:24-25, 1979.
1267. Webb, W.: Schedules of Work and Sleep. In W. Koella and P. Leum (Eds.), Sleep, 1976: Memory, Environment, Epilepsy, Sleep, Staging, New York: Karger Press, pp. 86-91, 1977.
1268. Webb, W.: Social and Psychological Adjustment to Shift Work: Discussion II. In P. Rentos and R. Shepard (Eds.), Shift Work and Health: A Symposium, Washington: U.S. Department of Health, Education, and Welfare (NIOSH), pp. 154-160, 1976.
1269. Webb, W.: Work/Rest Schedules: Economic, Health, and Social Implications. In L. Johnson, D. Tepas, W. Colquhoun, and M. Colligan (Eds.), Biological Rhythms, Sleep and Shift Work. New York: SP Medical and Scientific Books, pp. 1-10, 1981.
1270. Webb, W., and H. Agnew: Effects of Rapidly Rotating Shifts on Sleep Patterns and Sleep Structure. Aviation, Space, and Environmental Medicine, 49:384-389, 1978.
1271. Webb, W., H. Agnew, and L. Dreblow: Sleep of Older Subjects on Shift Work. In

A. Reinberg, N. Vieux, and P. Andlauer (Eds.), Night and Shift Work: Biological and Social Aspects. New York: Pergamon Press, pp. 197-203, 1981.

1272. Webb, W., H. Agnew, and R. Williams: Effects on Sleep of a Sleep Period Time Displacement. Aerospace Medicine, 42:152-155, 1971.
1273. Wedderburn, A.: Are Shiftworkers Supermen? Paper Presented at the Annual Meeting of the British Association for the Advancement of Science, September, 1979.
1274. Wedderburn, A.: EEG and Self-Recorded Sleep of Two Shiftworkers over Four Weeks of Real and Synthetic Work. In W. Colquhoun, S. Folkard, P. Knauth, and J. Rutenfranz (Eds.), Experimental Studies of Shift Work. Opladen: Westdeutscher Verlag, pp. 29-47, 1975.
1275. Wedderburn, A.: How Important are the Social Effects of Shiftwork? In L. Johnson, D. Tepas, W. Colquhoun, and M. Colligan (Eds.), Biological Rhythms, Sleep and Shift Work. New York: SP Medical and Scientific Books, pp. 257-270, 1981.
1276. Wedderburn, A.: Is there a Pattern in the Value of Time off Work? In A. Reinberg, N. Vieux, and P. Andlauer (Eds.), Night and Shift Work: Biological and Social Aspects. New York: Pergamon Press, pp. 495-504, 1981.
1277. Wedderburn, A.: Man the Scientific Shiftworker: An Evaluation of the Methodology of Self-Recording of Body Temperature by Industrial Shift Workers. Studia Laboris et Salutis, 11:96-100, 1972.
1278. Wedderburn, A.: Problems of Sleep in Shift Workers. NATO Symposium, Scotland, 1972.
1279. Wedderburn, A.: Sleep Patterns on the 25 Hour Day in a Group of Tidal Shiftworkers. 2nd International Symposium on Night and Shift Work. Studia Laboris et Salutis, 11:101-106, 1972
1280. Wedderburn, A.: Social Factors in Satisfaction With Swiftly Rotating Shifts. Occupational Psychology, 41:85-107, 1967.
1281. Wedderburn, A.: Some Suggestions for Increasing the Usefulness of Psychological and Sociological Studies of Shiftwork. Ergonomics, 21:827-833, 1978.
1282. Wedderburn, A.: Studies of Shiftwork in the Steel Industry. Edinburgh: Department of Business Organization, Heriot-Watt University, 1975.
1283. Wedderburn, A.: Waking up to Shiftwork. Personnel Management (London), 7:32-35, 1975.
1284. Wegmann, H., and K. Klein: Auswirkungen transmeridianer Fluge mit raschem ortszeitwechsl auf die Leistungsfahigkeit des Menschen. DFVLR-Interner Bericht 004-71/3, 1971.
1285. Wegmann, H., and K. Klein: Internal Dissociation after Transmeridian Flights. Preprints, XXI International Congress on Aviation and Space Medicine (Munich),

17-21, September, pp. 334-337, 1973.

1286. Wegmann, H., R. Herrmann and C. Winget: Effects of Irregular Work Schedules in a Space Mission Simulation (ASSESS II). In A. Reinberg, N. Vieux, and P. Andlauer (Eds.), Night and Shift Work: Biological and Social Aspects. New York: Pergamon Press, pp. 117-124, 1981.
1287. Wegmann, H., K. Klein, and P. Kukliński: Störungen der Tagesrhythmik nach zwei Transatlantikflügen in rascher Folge. Bonn-Bad Godesberg, West Germany: Deutsche Forschungs- und Versuchsanstalt für Luft- und Raumfahrt, Institute für Flugmedizin, Report No. DLR-FB 73-15, pp. 221-236, 1973.
1288. Wegmann, H., H. Bruner, D. Jovy, K. Klein, J. Marbarger, and A. Rimpler: Effects of Transmeridian Flights on the Diurnal Excretion Pattern of 17-Hydroxycorticosteroids. Aerospace Medicine, 41:1003-1005, 1970.
1289. Weitzman, E.: Circadian Rhythms: Discussion. In P. Rentos and R. Shepard (Eds.), Shift Work and Health: A Symposium. Washington: U.S. Department of Health, Education and Welfare (NIOSH), pp. 51-56, 1976.
1290. Weitzman, E.: Effect of Sleep-Wake Cycle Shifts on Sleep and Neuroendocrine Function. In N. Burch and H. Altshuler (Eds.), Behavior and Brain Electrical Activity. New York: Plenum Press, pp. 93-111, 1975.
1291. Weitzman, E., and D. Kripke: Experimental 12-Hour Shift of the Sleep-Wake Cycles in Man: Effects on Sleep and Physiologic Rhythms. In L. Johnson, D. Tepas, W. Colquhoun, and M. Colligan (Eds.), Biological Rhythms, Sleep and Shift Work. New York: SP Medical and Scientific Books, pp. 93-110, 1981.
1292. Weitzman, E., C. Czeisler, J. Zimmerman, M. Moore-Ede, and J. Ronda: Sleep Duration, Sleep Stages and Waking Time are Related to Circadian Phase in Young and Older Men During Nonentrained Conditions. In R. Duvoisin (Ed.), Transactions of the American Neurological Association, 1980. Vol. 105. New York: Springer Publishing Company, pp. 371-373, 1981.
1293. Weitzman, E., D. Kripke, J. Kream, P. McGregor, and L. Hellman: The Effect of a Prolonged Non-Geographic 180 Degrees Sleep-Wake Cycle Shift on Body Temperature, Plasma Growth Hormone, Cortisol, and Urinary 17-OHCS. (Abstract), Psychophysiology, 7:307, 1970.
1294. Weitzman, E., D. Kripke, D. Goldmacher, P. MacGregor, and C. Nogueire: Acute Reversal of the Sleep-Waking Cycle in Man: Effect on Sleep Stage Patterns. Archives of Neurology, 22:483-489, 1970.
1295. Weitzman, E., D. Goldmacher, D. Kripke, P. MacGregor, J. Kream, and L. Hellman: Reversal of Sleep-Waking Cycle: Effect on Sleep Stage Pattern and Certain Neuroendocrine Rhythms. Transactions of the American Neurological Association, 93:153-157, 1968.
1296. Weller, M., and P. Jauhar: Travel Induces Disturbances in Circadian Rhythms as Precipitants of Affective-Illness. In C. Perris, G. Struwe, and B. Jansson (Eds.), Developments in Psychiatry, Vol. 5. Amsterdam: Elsevier North-Holland

Biomedical Press, pp. 1253-1256, 1981.

1297. Wesseldijk, A.: The Influence of Shift Work on Health. Ergonomics, 4:281-282, 1961.
1298. Wever, R.: On Varying Work-Sleep Schedules: The Biological Rhythm Perspective. In L. Johnson, D. Tepas, W. Colquhoun, and M. Colligan (Eds.), Biological Rhythms, Sleep and Shift Work. New York: SP Medical and Scientific Books, pp. 35-60, 1981.
1299. Wever, R.: Phase Shifts of Human Circadian Rhythms due to Shifts of Artificial Zeitgebers. Chronobiologia, 7:303-327, 1980.
1300. White, S.: The Effects of Shift Rotation on Police Job Stress. Dissertation Abstracts International, 42(2-A):867, 1981.
1301. White, W.: The Effect of Flexible Working Hours on Absenteeism and Job Satisfaction, and the Relationship Between Locus of Control and Utility of Flexible Working Hours. Dissertation Abstracts International, 37(8-B):4204, 1977.
1302. Wild, H., and H. Theis: Der Einfluss des Schichtbeginns auf die Unfallhaufigkeit. Gluckauf Bergmannische Zeitschrift, 170:833-838, 1967.
1303. Wilkinson, R.: Hours of Work and the Twenty-Four-Hour Cycle of Rest and Activity. In P. Warr (Ed.), Psychology at Work. Middlesex: Penguin, pp. 31-54, 1971.
1304. Wilkinson, R.: Productivity and the Environment. Applied Ergonomics, 1:194-197, 1970.
1305. Wilkinson, R., and R. Edwards: Stable Hours and Varied Work as Aids to Efficiency. Psychonomic Science, 13:205-206, 1968.
1306. Wilkinson, R., P. Tyler, and C. Varey: Duty Hours of Young Hospital Doctors: Effects on the Quality of Work. Journal of Occupational Psychology, 48:219-229, 1975.
1307. Williams, L., and G. Haskett: Employee Attitudes Regarding Various Characteristics of Job Opportunity and Job Performance Across Three Different Work-Shifts at an Institution for the Retarded. Research and the Retarded, 3:113-122, 1976.
1308. Wilson, J., and K. Rose: Twelve-Hour Shift in the Petroleum and Chemical Industries of the United States and Canada: A Study of Current Experience. Industrial Research Reports No. 26. Industrial Research Unit, Wharton School, University of Pennsylvania, 1978.
1309. Winget, C., L. Hughes, and J. LaDou: Physiological Effects of Rotational Work Shifting: A Review. Journal of Occupational Medicine, 20(3):204-210, 1978.
1310. Winget, C., L. Chapman, D. Rockwell, J. Vernikos-Danellis, and J. Beljan: Human Circadian Rhythms: Psychological, Performance and Physiological Deconditioning in the Aeronautics and Astronautics Environment. XIV International

Conference of the International Society for Chronobiology (Abstract),
Chronobiologia, 6:173, 1979.

1311. Wirths, W.: Energy Expenditure and Energy Intake in Selected Groups of Shiftworkers. Presented at the 8th Congress of the International Ergonomics Association, Tokyo, 1982 (Abstract), Ergonomics, 25:514, 1982.
1312. Wisner, A., and J. Carpentier: Management of Working Conditions by Successive Teams (Shiftwork). ANACT, Paris, 1976.
1313. Wojtczak-Jaroszowa, J.: Changes in Manual Performance and Physical Fitness in Day and Night. Studia Laboris et Salutis, 11:107-115, 1972.
1314. Wojtczak-Jaroszowa, J.: Health and Work Shifts: Discussion II. In P. Rentos, and R. Shepard (Eds.), Shift Work and Health: A Symposium. Washington, D.C.: U. S. Department of Health, Education and Welfare (NIOSH), pp. 72-86, 1976.
1315. Wojtczak-Jaroszowa, J.: Physiological and Psychological Aspects of Night and Shift Work. Washington: U.S. Department of Health, Education, and Welfare (NIOSH), Publication No. 78-113, 1977.
1316. Wojtczak-Jaroszowa, J.: Physiological Cost of Physical Work Performed at Night. Medycyna Pracy, 24:17, 1973.
1317. Wojtczak-Jaroszowa, J.: Some Physiological Aspects of Night and Shift Work. Medycyna Pracy, 24:1, 1973.
1318. Wojtczak-Jaroszowa, J., and A. Banaszkiewicz: Physical Work Capacity During the Day and at Night. Ergonomics, 17:193-198, 1974.
1319. Wojtczak-Jaroszowa, J., and K. Pawlowska: Effect of Shift Work Upon Physiological Functions. (Polish) VII National Conference of Industrial Medicine Poznam, Poland, 1965.
1320. Wojtczak-Jaroszowa, J., and K. Pawlowska: Influence of Shift Work Upon Circadian Fluctuations of Some Physiological Functions. (Polish) Symposium on Industrial Medicine, Katowice, Poland, 1964.
1321. Wojtczak-Jaroszowa, J., and K. Pawlowska-Skyba: Night and Shift Work. I. Circadian Variations in Work. (Polish) Medycyna Pracy, 18:1, 1967.
1322. Wojtczak-Jaroszowa, J., Z. Maciaszek, and K. Jarosz: a. Electromyographical Analysis of the Causes of Nightly Deterioration of Manual Performance; b. Experimental Model for Examination of Day-Night Differences in Manual Performance. Symposium on Physiological and Psychological Problems of Automatic Work and Environmental Aspects, Poznan, Poland, 1975.
1323. Wojtczak-Jaroszowa, J., Z. Makowska, H. Rzepecki, A. Banaszkiewicz, and A. Romejko: Changes in Psychomotor and Mental Task Performance Following Physical Work in Standard Conditions, and in a Shift-Working Situation. Ergonomics, 21:801-809, 1978.

1324. Wyatt, S., and R. Marriott: Night Work and Shift Changes. British Journal of Industrial Medicine, 10:164-172, 1953.
1325. Young, W.: Flexible Working Arrangements in Continuous Shift Production. Personnel Review (Farnborough), 7:12-19, 1978.
1326. Young, W.: Shift Work and Flexible Schedules: Are They Compatible? International Labor Review, 119:1-17, 1980.
1327. Yurgui, R. et. al: Changes in 24-Hour Rhythm of Bodily Functions Due to Day-Night Reversal in Life Pattern. Koku Igaku Jikkentai: Hokiku, 1:1013, 1961.
1328. Zalusky, J.: Shiftwork-A Complex of Problems. American Federationist, 85:1-6, 1978.

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